



Bath Township Zoning

Summit County, Ohio
3864 West Bath Road - P.O. Box 1188 - Bath, Ohio - 44210-1188
Phone: 330.666.4007 - Fax: 330.666.0305
www.bathtownship.org

Rec'd
3-15-16
7:00 P.M.

Zoning Variance Application

For office use only:	ARC File No.:	BZA File No.:	16-05
Associated permits:			

Applicant Data

Name: Anthony Umina

Company Name: DunRite Construction

Address: 6395 Chittenden Road

Telephone No.: 330-650-5322 Email: anthony@calldunrite.com

Property Data

Zoning District: (circle one) R-1 R-2 R-3 R-4 B-1 B-2 B-3 B-4 B-5

Corner Lot: Yes No Note: Corner lots are required to meet the front setback on both streets.

Property Address: 4440 Rock Ridge Lane Parcel No.: 0407202

Allotment Name: West Bath Estates Subdivision Lot No.: 4A

Owner(s): Alison Umina Trustee

Owner Address: 6395 Chittenden Road

Telephone No.: 330-650-5322

Variance(s) Requested

Below list the specific section from the Zoning Resolution from which the variance is being sought, a description of each variance being sought, and explain the practical difficulty justifying the application for each variance being sought. The Zoning Resolution is available online at www.bathtownship.org through the zoning link.

1. Section: 802 Description: Steep Slope Regulations - To construct a house with finished grades of 3:1 maximum slopes.

Practical Difficulty: The steep topography of the property was existing at the time of the subdivision construction. The owner has been working with architects, contractors, engineers, SWCD, Township, and neighbor to design a house that takes into account the topography. Earth moving activities are ongoing to lessen the severity. 3:1 is the max. slope proposed.

2. Section: 801-E Description: Retaining walls - to construct retaining walls higher than 48" tall.

Practical Difficulty: The existing topography, property geometry, surrounding neighbors, and trees do not allow for enough room to grade around the house with a maximum slope of 3:1 without encroachments. The retaining wall is to be designed by an Ohio Professional Engineer.

3. Section: _____ Description: _____

Practical Difficulty: _____

4. Section: _____ Description: _____

Practical Difficulty: _____

Regarding Practical Difficulty

The factors to be considered and weighed to determine whether a property owner has encountered practical difficulties to justify an area variance are (but are not limited to) the following:

1. Whether the property in question will yield a reasonable return or whether there can be any beneficial use of the property without the variance;
2. Whether the variance is substantial;
3. Whether the essential character of the neighborhood would be substantially altered or whether adjoining properties would suffer substantial detriment as a result of the variance;
4. Whether the variance would adversely affect the delivery of governmental services (e.g., water, sewer, garbage);
5. Whether the property owner purchased the property with knowledge of the zoning restrictions;
6. Whether the property owner's predicament feasibly can be obviated through some method other than a variance;
7. Whether the spirit and intent behind the zoning requirement would be observed and substantial justice done by granting a variance.

Contiguous Property Owners List (name & tax mailing address)

1. Jason & Lisa Dilauro - 4418 Rock Ridge Lane Akron, OH 44333
2. Alison Umina, Trustee - 4462 Rock Ridge Lane Akron, OH 44333 (Address may be invalid.)
3. Curtis Lee & Diane Kay Nichols - 1652 N. Hametown Road Akron, OH 44333
4. Rock Ridge Lane LLC - 4462 Rock Ridge Lane Akron, OH 44333
5. Jacqueline Gaskins Bailey, trustee - 1745 Great Run Lane Akron, OH 44333
6. _____
7. _____
8. _____
9. _____
10. _____

Required Site Plan Data and Architectural/Construction Drawings

1. Nine (9) copies of site plan and plans along with a digital copy (ex: .pdf) of site plan and plans. The site plan must show the following:
 - A North arrow and scale
 - Existing structures and dimensions
 - Driveway and road access locations (existing and/or proposed)
 - Proposed structure(s) and dimensions
 - All setbacks
 - Roads
 - Lot dimensions
 - Easements and details
 - Septic system and well location (if applicable)
 - Indicate the location of lakes, ponds, wetlands, ravines, or other unusual topography
 - Riparian Corridor(s) must be clearly indicated on all lots containing applicable watercourses
 - All slopes greater than 12% must be indicated on a two (2) foot contour interval map with the contours extending at least 100 feet beyond the lot lines
2. If applicable, nine (9) copies of the building/construction plans along with a digital copy (ex: .pdf) showing major details including height data must be submitted with the application.
3. An outline of the proposed project which gives an overview of the reasons the requested variance is necessary.
4. Digital copy of all required documents (i.e. .pdf file)

Applicant Certification

Applicant Signature:  Date: 3-15-16

Fee – due at time of application (make check payable to Bath Township Trustees)

- for residential applications – two hundred dollars (\$200.00) ck# 6078
- for commercial/business applications – three hundred dollars (\$300.00)
- for major subdivisions or use variances – five hundred dollars (\$500.00)

For Office Use Only

Appearance Review Commission File No.: ARC - -

Board of Zoning Appeals File No.: BZA - 16-05

Hearing Date: 4-19-16 Public Notice Date: 4-7-16

Published In: _____ Abutting Property Owners Notification Date: _____

- Approved Approved with Conditions Denied

Comments: _____

Zoning Inspector Signature: _____ Date: _____



BATH TOWNSHIP

Summit County, Ohio

April 5, 2016

**Bath Township
Board of Zoning Appeals
Case No. BZA-16-05**

Notice is hereby given that the Bath Township Board of Zoning Appeals will hold a public hearing at the Bath Township Administrative Offices, 3864 W. Bath Road, Bath, Ohio on Tuesday, April 19, 2016 at 7:00 PM for the appeal of **Case No. BZA-16-05**, Tony Umina of DunRite Construction, 6395 Chittenden Road, Hudson, requesting variances from Article 8, Section 801-E, to reduce the required height of a retaining wall and from Section 802 to build on steep slopes. Property is located 4440 Rock Ridge Lane in the R-2 Residential District.

This message is for the purpose of giving abutting property owners and other interested parties a notice of such hearing. However, this hearing is not limited to those persons receiving a copy of this notice. If you know of any property owners or affected neighbors who are interested and have not received a copy of this notice, please have them contact the undersigned.

Applicant or agent for said application must be present for this meeting.

Sincerely,

Nanci L. Noonan

Nanci L. Noonan
Zoning Administrative Assistant

cc: Board of Zoning Appeals (7)
File
Applicant
James Blackburn, 4378 Rock Ridge Lane, Akron, OH 44333
Jason Dilauro, 4418 Rock Ridge Lane, Akron, OH 44333
Rock Ridge Lane LLC, 4462 Rock Ridge Lane, Akron, OH 44333
Stephen Graham, Trustee, 4492 Rock Creek Lane, Akron, OH 44333
Cheri Torchia, Trustee, 1781 Great Run Lane, Akron, OH 44333
Jacqueline Gaskins-Bailey, Trustee, 1745 Great Run Lane, Akron, OH 44333
Curtis Nichols, Co-Trustee, 1652 N. Hametown Road, Akron, OH 44333

16-05

BLACKBURN JAMES S
4378 ROCK RIDGE LN
AKRON OH 44333

DILAURO JASON
4418 ROCK RIDGE LN
AKRON OH 44333

UMINA ALISON TRUSTEE
4462 ROCKRIDGE LN
AKRON OH 44333

App/owner

ROCK RIDGE LANE LLC
4462 ROCKRIDGE LN
AKRON OH 44333

GRAHAM STEPHEN E K TRUSTEE
4492 ROCK RIDGE LN
AKRON OH 44333

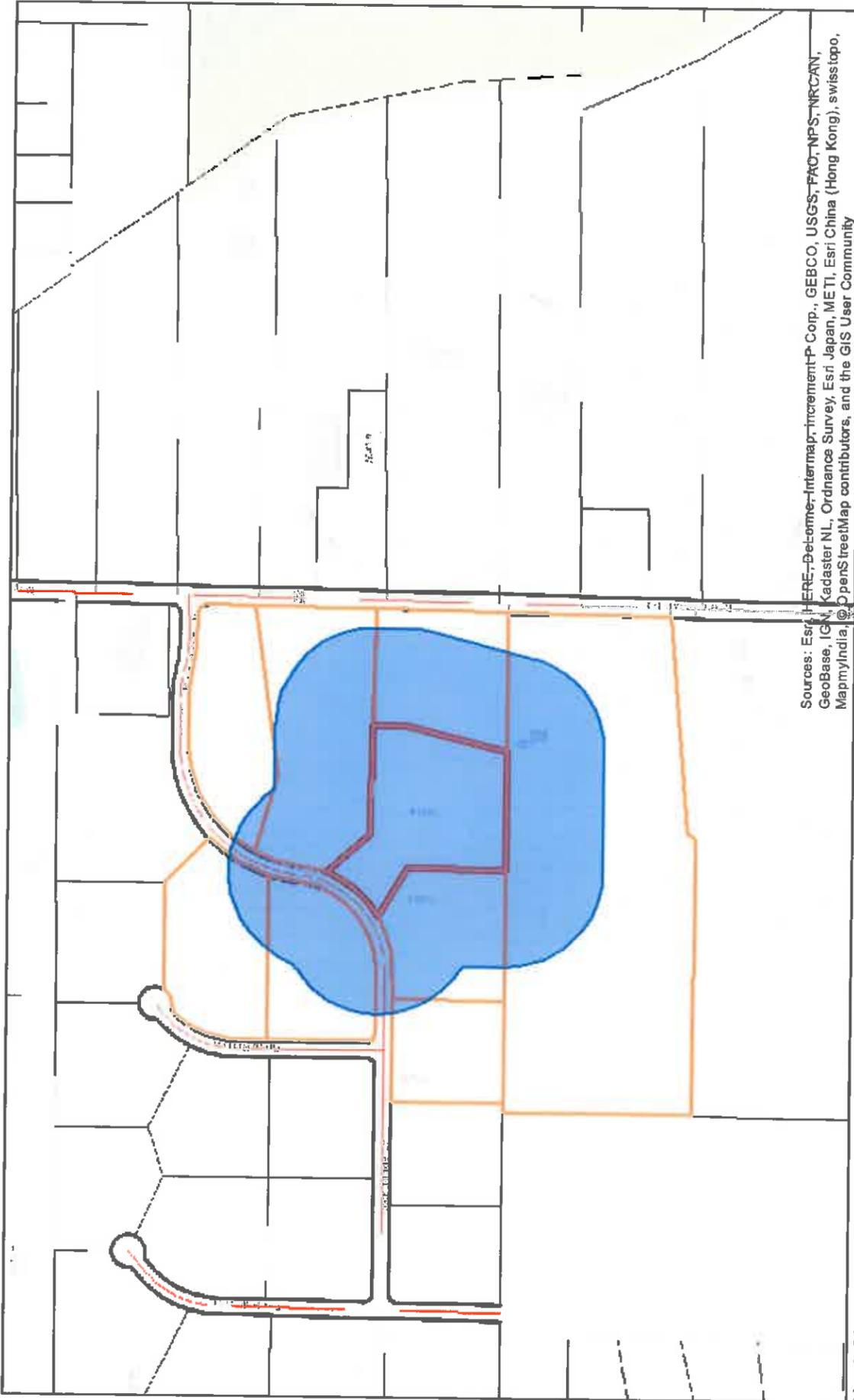
TORCHIA CHERI B TRUSTEE
1781 GREAT RUN LN
AKRON OH 44333

BAILEY JACQUELINE GASKINS TRUSTEE
1745 GREAT RUN LANE
AKRON OH 44333

UMINA ALISON TRUSTEE
4462 ROCKRIDGE LN
AKRON OH 44333

dup

NICHOLS CURTIS LEE CO TRUSTEE
1652 N HAMETOWN RD
AKRON OH 44333



Sources: Esri, HERE, DeLorme, Intermap, incrementP Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

March 23, 2016

- Override 1
- Intersected Parcels
- Selected Parcel
- Attribute Selection

1:6,563
0 0.0375 0.075 0.15 mi

Disclaimer:
 The data and maps provided in this map are provided as a public service by the County of Summit. The County of Summit makes no warranty, express or implied, with respect to the accuracy, completeness, or reliability of the data or maps. The County of Summit is not responsible for any errors or omissions in the data or maps. The County of Summit is not liable for any damages, including consequential damages, arising from the use of the data or maps. The County of Summit is not responsible for any misinterpretations of the data or maps. The County of Summit is not responsible for any misinterpretations of the data or maps.

SUBMIT A CLASSIFIED AD



- Phone - Call 330-865-0000 from 8:30-5 Monday - Friday
- Mail - Use the form on the last page of classifieds
- Fax - Anytime 330-865-9590
- In person - Visit us at 3075 Smith Rd., Suite 204 in Fairawn Monday - Friday between 8:30 - 5

DEADLINE

Classified ads must be received by Tuesday at noon the week of publication.



PLEASE REMEMBER
THAT OUR NEXT DEADLINE
FOR ALL CLASSIFIED
ADVERTISING IS THIS COMING
TUESDAY

CLA

LEGAL NOTICES

Notice of Public Hearing

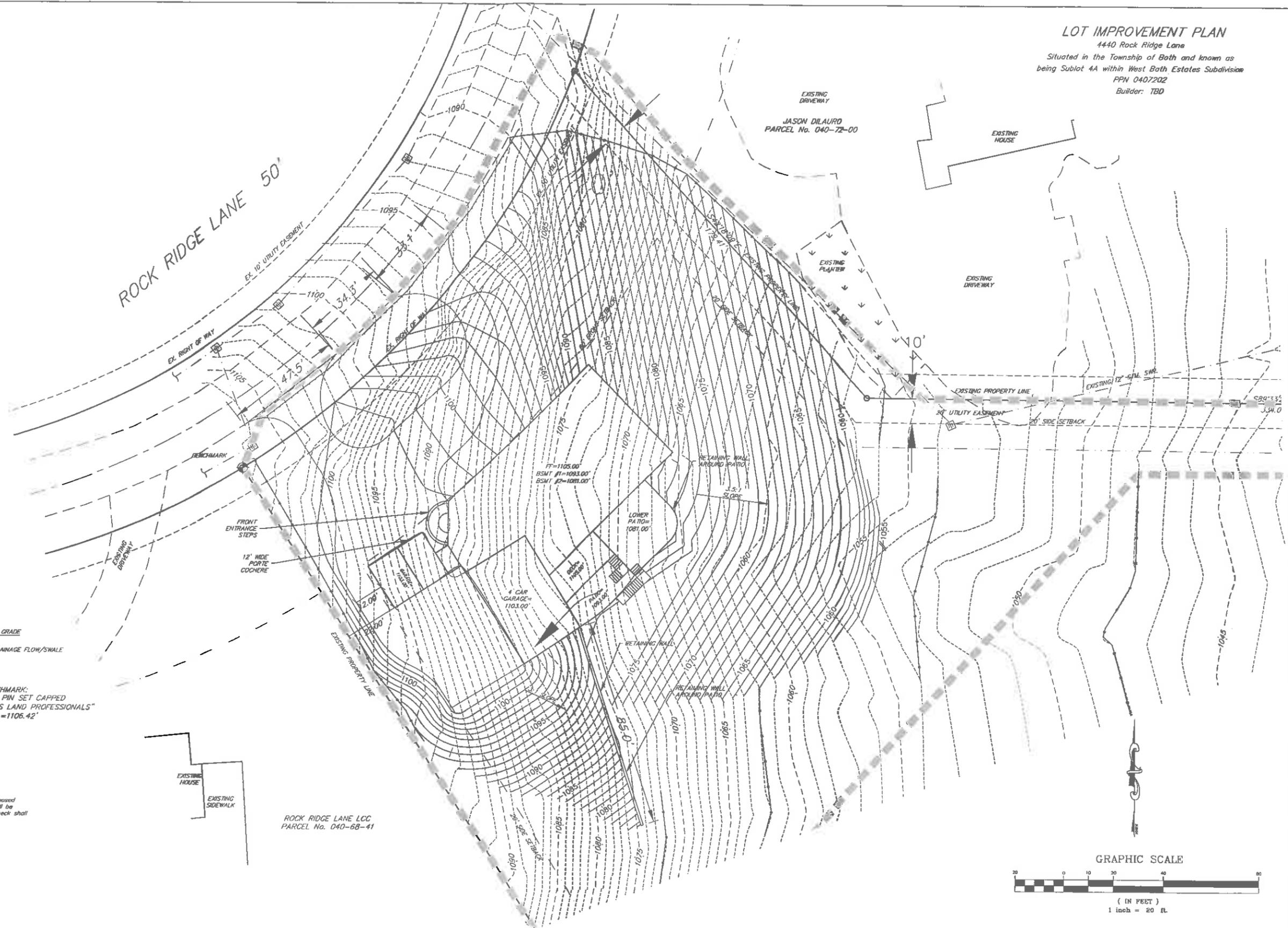
Notice is hereby given that the Bath Township Board of Zoning Appeals will hold a public hearing at the Bath Township Administrative Offices, 3884 W Bath Road, Bath, Ohio on Tuesday, April 19, 2016 at 7:00 p.m. for the appeal of:

- (1) Untable Case No. BZA-16-03, Tony Umma, 6395 Chittenden Road, Hudson, requesting variance from Article 8, Section 802-C-1-A to create new impervious surfaces within the riparian setback. Property is located at Parcel #0405384 on Granger Road.
- (2) Case No. BZA-16-05, Tony Umma of DunRite Construction, 6395 Chittenden Road, Hudson, requesting variances from Article 8, Section 802 to build on steep slopes and from Section 801-E to exceed the required height for a retaining wall. Property is located at 4440 Rock Ridge Lane in the R-2 Residential District.
- (3) Case No. BZA-16-06, John and Emily Bernatovicz, 1000 Robinwood Hills Drive, requesting a Conditional Use per Article 7, Section 701-B-2 for an accessory dwelling unit. Property is located at 1000 Robinwood Hills Drive in the R-2 Residential District.
- (4) Case No. BZA-16-07, Nora Gagliano of Highland Construction, 17535 South Miles Road, Cleveland, requesting variance from Article 7, Section 701-D-17-C to use an automatic safety cover as a barrier in lieu of the required fencing for a swimming pool. Property is located at 2086 N. Medina Line Road in the R-2 Residential District.

Applications are on file at the Township Administrative Offices and available for viewing. All meetings are open to the public.

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LOT IMPROVEMENT PLAN
 4440 Rock Ridge Lane
 Situated in the Township of Both and known as
 being Sublot 4A within West Both Estates Subdivision
 PPN 0407202
 Builder: TBD

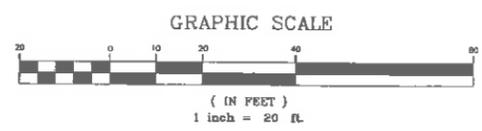


FINISHED 1st FLOOR = 1105.00'
 TOP OF WALL = 1104.00'
 GARAGE FLOOR = 1103.00'
 BSMT #1 FLOOR = 1093.00'
 BSMT #2 FLOOR = 1081.00'

CONTRACTOR NOTE:
 EXCAVATING CONTRACTOR SHALL REFER TO ARCHITECTURAL BUILDING PLANS FOR ACTUAL DIMENSIONS BETWEEN FLOORS & BOTTOM OF FOOTER, WALL SECTIONS, UNEXCAVATED AREAS, & FOUNDATION WINDOW OPENINGS.

1. GRADES SHALL COMPLY WITH THE APPROVED GRADING PLAN ON FILE WITH CORRESPONDING GOVERNMENT OFFICE. ALL UTILITIES ARE PER DESIGN PLAN.
2. MAINTAIN POSITIVE YARD DRAINAGE (TO SWALE, YARD DRAIN, NATURAL WATER COURSES OR STREET) ACROSS ENTIRE LOT.
3. ALL SWALES MUST MAINTAIN A MINIMUM SLOPE OF 1%.
4. CONTRACTOR TO DETERMINE DEPTHS OF EXISTING LATERALS AND VERIFY IF PROPER CONNECTIONS CAN BE MADE TO HOUSE. CONTACT CORRESPONDING GOVERNMENT OFFICE IF DISCREPANCIES EXIST.
5. CONTRACTOR TO NOTIFY UTILITIES PROTECTION SERVICES PRIOR TO CONSTRUCTION.
6. NO LAWN AREAS TO BE MOVED SHALL HAVE A SLOPE STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL.
7. SUMP PUMP REQUIRED, DESIGN & LOCATION TO BE DETERMINED BY BUILDER.
8. NO DETERMINATION OF THE PRESENCE OF WETLAND AREAS WAS PERFORMED BY LEWIS LAND PROFESSIONALS.
9. THIS DRAWING DOES NOT CONSTITUTE A BOUNDARY SURVEY.

Foundation dimensions shown are for rough field layout only, see Architectural House Plans for all dimensions. The Contractor/Owner must verify all foundation dimensions & proposed grades shown on this topographic survey. Cuts between hubs shall be compared for discrepancies. Any error resulting from failure to check shall not be the responsibility of Lewis Land Professionals, Inc.



- PLAN PREPARED BY -
LEWIS LAND PROFESSIONALS INC.
 CIVIL ENGINEERING LAND SURVEYING
 8691 WADSWORTH ROAD SUITE 100
 WADSWORTH, OH 44281 (330) 335-8232

REVISION TABLE			
NO.	DATE	DESCRIPTION	BY
1	02/17/18	REV. PER S.C. S.W.C.D.	LPE

PROJECT: 4440 ROCK RIDGE LANE
 TITLE: LAND IMPROVEMENT PLAN

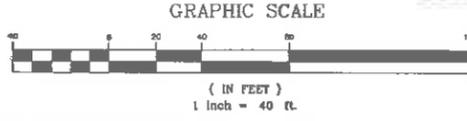
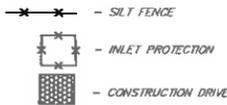
TWO WORKING DAYS BEFORE YOU DIG
 Call 1-800-362-2764
 TOLL FREE
 Outside Ohio 216-744-5191
 OHIO UTILITIES PROTECTION SERVICE

SCALE: HORIZONTAL 1"=20'
 DRAWING FILE: 15-370.DWG
 M.C.S.E. NUMBER: N/A
 DATE: 02/09/18
 PROJECT NUMBER: 15-370
 SHEET NUMBER: 1 of 4

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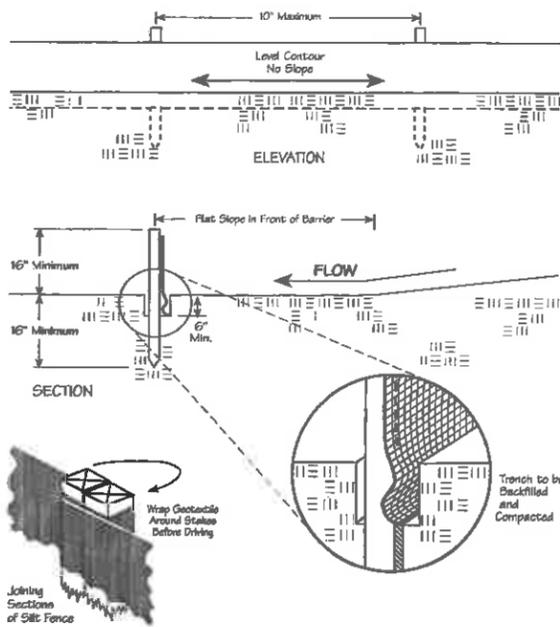
SWPPP NOTES:
SEE SHEET 3 FOR SWPPP NOTES

NOTE
1. ANY REVISIONS TO BMP'S OR CHANGES TO SEQUENCE OF CONSTRUCTION BEING PROPOSED BY CONTRACTOR MUST BE APPROVED BY THE PROJECT ENGINEER PRIOR TO CONSTRUCTION.
2. SEE SHEET 2 OF 3 FOR ADDITIONAL NOTES, DETAILS AND REQUIREMENTS.
3. ROOF DRAINS ARE TO DISCHARGE AT BOTTOM SLOPE AND ALLOWED TO DISSIPATE ACROSS THE OPEN VEGETATIVE LAWN DIRECTLY TO THE EAST OF HOME.



PLAN PREPARED BY - LEWIS LAND PROFESSIONALS INC. CIVIL ENGINEERING LAND SURVEYING 8691 WADSWORTH ROAD SUITE 100 WADSWORTH, OH 44281 (330) 335-8232		PROJECT: 4440 ROCK RIDGE LANE TITLE: GRADING AND SWPP PLAN	SCALES: HORIZONTAL 1"=40' DRAWING FILE: 15-370.DWG M.C.S.E. NUMBER: N/A	DATE: 02/09/16 PROJECT NUMBER: 15-370 SHEET NUMBER: 2 of 4												
<table border="1"> <thead> <tr> <th colspan="4">REVISION TABLE</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>REV. PER S.C. S.M.C.D.</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>02/17/16</td> <td></td> <td></td> </tr> </tbody> </table>		REVISION TABLE				NO.	DATE	REV. PER S.C. S.M.C.D.	DESCRIPTION	1	02/17/16					
REVISION TABLE																
NO.	DATE	REV. PER S.C. S.M.C.D.	DESCRIPTION													
1	02/17/16															

Specifications for Silt Fence



Specifications for Silt Fence

- Silt fence shall be constructed before up slope land disturbance begins.
- All silt fence shall be placed as close to the contour as possible so that water will not concentrate at low points in the fence and so that small swales or depressions which may carry small concentrated flows to the silt fence are dissipated along its length.
- Ends of the silt fence shall be brought up slope slightly so that water ponded by the silt fence will be prevented from flowing around the ends.
- Silt fence shall be placed on the flattest area available.
- Where possible, vegetation shall be preserved for 5 feet (or as much as possible) up slope from the silt fence. If vegetation is removed, it shall be reestablished within 7 days from the installation of the silt fence.
- The height of the silt fence shall be a minimum of 16 inches above the original ground surface.
- The silt fence shall be placed in an excavated or sliced trench cut to a minimum of 6 inches deep. The trench shall be made with a trencher, cable laying machine, slicing machine, or other suitable device that will ensure an adequately uniform trench depth.
- The silt fence shall be placed with the stakes on the downslope side of the geotextile. A minimum of 8 inches of geotextile must be below the ground surface. Excess material shall lay on the bottom of the 6-inch deep trench. The trench shall be backfilled and compacted on both sides of the fabric.

Table 6.1.2.2 Minimum criteria for Silt Fence Fabric (800T, 2002)

Property	Minimum Value	ASTM
Minimum Tensile Strength	120 lbs. (53.5 N)	ASTM D 4832
Minimum Elongation at 60 lbs	50%	ASTM D 4832
Minimum Puncture Strength	50 lbs (220 N)	ASTM D 4833
Minimum Tear Strength	40 lbs (180 N)	ASTM D 4533
Apparent Opening Size	≤ 0.84 mm	ASTM D 4751
Minimum Permeability	1X10 ⁻² sec.-1	ASTM D 4481
UV Exposure Strength Retention	70%	ASTM G 4355

Specifications for Silt Fence

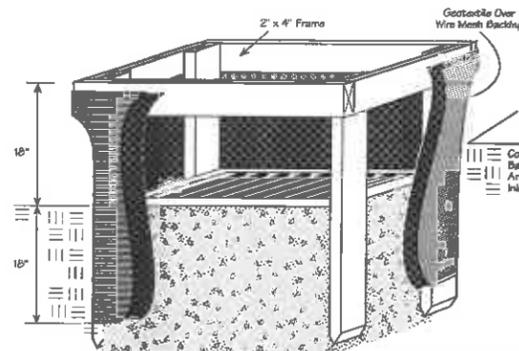
- Silt fence shall be constructed before up slope land disturbance begins.
- All silt fence shall be placed as close to the contour as possible so that water will not concentrate at low points in the fence and so that small swales or depressions which may carry small concentrated flows to the silt fence are dissipated along its length.
- To prevent water ponded by the silt fence from flowing around the ends, each end shall be constructed up slope so that the ends are at a higher elevation.
- Where possible, silt fence shall be placed on the flattest area available.
- Where possible, vegetation shall be preserved for 5 ft. (or as much as possible) up slope from the silt fence. If vegetation is removed, it shall be reestablished within 7 days from the installation of the silt fence.
- The height of the silt fence shall be a minimum of 16 in. above the original ground surface.
- The silt fence shall be placed in a trench cut to a minimum of 6 in. deep. The trench shall be cut with a trencher, cable laying machine, or other suitable device which will ensure an adequately uniform trench depth.
- The silt fence shall be placed with the stakes on the downslope side of the geotextile and so that 8 in. of cloth are below the ground surface. Excess material shall lay on the bottom of the 6-in.-deep trench. The trench shall be backfilled and compacted.
- Seams between sections of silt fence shall be overlapped with the end stakes of each section wrapped together before driving into the ground.
- Maintenance -- Silt fence shall allow runoff to pass only as diffuse flow through the geotextile. If runoff overtops the silt fence, flows under or around the ends, or in any other way becomes a concentrated flow, one of the following shall be performed, as appropriate: 1) The layout of the silt fence shall be changed; 2) Accumulated sediment shall be removed; or 3) Other practices shall be installed.

Criteria for Silt Fence Materials

- Fence Posts--The length shall be a minimum of 32 in. long. Wood posts will be 2-by-2-in. hardwood of sound quality. The maximum spacing between posts shall be 10 ft.
- Silt Fence Fabric (see chart below):

Fabric Properties	Values	Test Method
Grab Tensile Strength	90 lb. minimum	ASTM D 1682
Mullen Burst Strength	190 psi minimum	ASTM D 3786
Skerry Flow Rate	0.3 gal./min./ft. maximum	US Std. Sieve CW-02215
Equivalent Opening Size	40-80	
Ultraviolet Radiation Stability	90% minimum	ASTM-G-26

Inlet Protection in Swales, Ditch Lines or Yard Inlets



Specifications for Inlet Protection in Swales, Ditch Lines or Yard Inlets

- Inlet protection shall be constructed either before up slope land disturbance begins or before the storm drain becomes operational.
- The earth around the inlet shall be excavated completely to a depth of at least 18 in.
- The wooden frame shall be constructed of 2-by-4-in. construction-grade lumber. The 2-by-4-in. posts shall be driven 1 ft. into the ground at four corners of the inlet and the top portion of 2-by-4-in. frame assembled using the overlap joint shown. The top of the frame shall be at least 6 in. below adjacent roads if ponded water would pose a safety hazard to traffic.
- Wire mesh shall be of sufficient strength to support fabric with water fully impounded against it. It shall be stretched tightly around the frame and fastened securely to the frame.
- Geotextile shall have an equivalent opening size of 20-40 sieve and be resistant to sunlight. It shall be stretched tightly around the frame and fastened securely. It shall extend from the top of the frame to 18 in. below the inlet notch elevation. The geotextile shall overlap across one side of the inlet so the ends of the cloth are not fastened to the same post.
- Backfill shall be placed around the inlet in compacted 6-in. layers until the earth is even with notch elevation at ends and top elevation on sides.
- A compacted earth dike or a check dam shall be constructed in the ditch line below the inlet if the inlet is not in a depression and if runoff bypassing the inlet will not flow to a settling pond. The top of earth dikes shall be at least 6 in. higher than the top of the frame.

Specifications for Permanent Seeding

- Site Preparation**
- Subsoiler, plow, or other implement shall be used to reduce soil compaction and allow maximum infiltration. (Maintaining infiltration will help control both runoff rate and water quality.) Subsoiling should be done where the soil moisture is low enough to allow the soil to crack or fissure. Subsoiling shall not be done on slip-prone areas where soil preparation should be limited to what is necessary for establishing vegetation.
 - The site shall be graded as needed to permit the use of conventional equipment for seeded preparation and seeding.
 - Topsoil shall be applied where needed to establish vegetation.
- Seeded Preparation**
- Lime--Agricultural ground limestone shall be applied to acid soil as recommended by a soil test. In lieu of a soil test, lime shall be applied at the rate of 100 pounds per 1,000-sq. ft. or 2 tons per acre.
 - Fertilizer--Fertilizer shall be applied as recommended by a soil test. In place of a soil test, fertilizer shall be applied at the rate of 25 pounds per 1,000-sq. ft. or 1,000 pounds per acre of a 10-10-10 or 12-12-12 analysis.
 - The lime and fertilizer shall be worked into the soil with a disk harrow, spring-tooth harrow, or other suitable field implement to a depth of 3 inches. On sloping land, the soil shall be worked on the contour.
- Seeding Dates and Soil Conditions**
- Seeding should be done March 1 to May 31 or August 1 to September 30. If seeding occurs outside of the above-specified dates, additional mulch and irrigation may be required to ensure a minimum of 80% germination. Tilts for seeded preparation should be done when the soil is dry enough to crumble and not firm ribbons when compressed by hand. For winter seeding, see the following section on dormant seeding.

- Dormant Seeding**
- Seedings should not be made from October 1 through November 20. During this period, the seeds are likely to germinate but probably will not be able to survive the winter.
 - The following methods may be used for "Dormant Seeding":

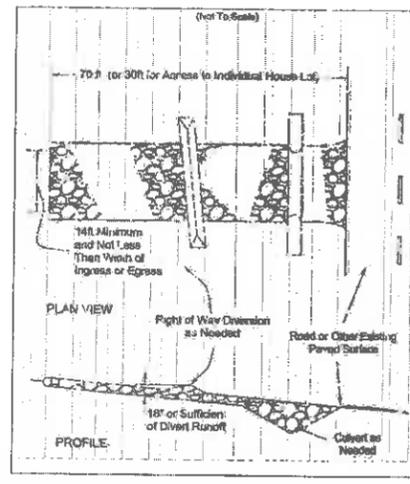
- Straw and Mulch Anchoring Methods
Straw mulch shall be anchored immediately to minimize loss by wind or water.
- Mechanical--A disk, crimper, or similar type tool shall be set straight to punch or anchor the mulch material into the soil. Straw mechanically anchored shall not be fully chopped but, generally, be left longer than 6 inches.
- Mulch Netting--Netting shall be used according to the manufacturer's recommendations. Netting may be necessary to hold mulch in place in areas of concentrated runoff and on critical slopes.
- Asphalt Emulsion--Asphalt shall be applied as recommended by the manufacturer or at the rate of 100 gallons per acre.
- Synthetic Binders--Synthetic binders such as Acrylic DLR (Agri-Tac), DCA-70, Petroseal, Terra-Tack or equivalent may be used at rates specified by the manufacturer.
- Wood Cellulose Fiber--Wood cellulose fiber shall be applied at a net dry weight of 750 pounds per acre. The wood cellulose fiber shall be mixed with water with the mixture containing a maximum of 50 pounds cellulose per 100 gallons of water.

Table 7.10.2 Permanent Seeding

Seed Mixture	Seeding Rate		Notes
	Lbs./Acre	Lbs./1,000 Sq. Feet	
General Use			
Cropland Red Fescue	20-40	1/2-1	For close mowing & for waterways with <2.0 ft/sec velocity
Dormant Ryegrass	10-20	1/4-1/2	
Kentucky Bluegrass	20-40	1/2-1	
Tall Fescue	40-50	1-1 1/4	
Turf-type (Dwarf) Fescue	50	2 1/4	
Shaded Areas or Old Slag			
Tall Fescue	40-50	1-1 1/4	
Crown Vetch	10-20	1/4-1/2	Do not seed later than August
Tall Fescue	20-30	1/2-3/4	
Flat Top	20-25	1/2-3/4	Do not seed later than August
Tall Fescue	20-30	1/2-3/4	
Wooded Slopes and Strips			
Tall Fescue	40-60	1-1 1/4	
Turf-type (Dwarf) Fescue	60	2 1/4	
Kentucky Bluegrass	5	8.1	
Lanes			
Kentucky Bluegrass	100-120	2	
Perennial Ryegrass	100-120	2	
Kentucky Bluegrass	100-120	2	For shaded areas
Cropland Red Fescue	100-120	1-1 1/2	

Note: Other approved seed species may be substituted.

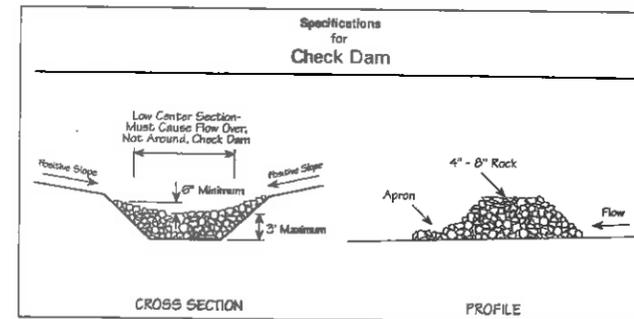
Specifications for Construction Entrance



Specifications for Construction Entrance

- Stone Size--DOT # 2 (1.5-2.5 inch) stone shall be used, or recycled concrete equivalent.
- Length--The construction entrance shall be as long as required to stabilize high traffic areas but not less than 30 ft. (exception: apply 30 ft. minimum to slope resistance kits).
- Thickness--The stone layer shall be at least 6 inches thick for light duty entrances or at least 10 inches for heavy duty use.
- Width--The entrance shall be at least 14 feet wide, but not less than the full width of points where ingress or egress occurs.
- Geotextile--A geotextile shall be laid over the entire area prior to placing stone. It shall be composed of strong rot-proof polymeric fibers and meet the following specifications:
- Retention--The entrance shall remain in place until the disturbed area is stabilized or replaced with a permanent roadway or apron.
- Curb--A pipe or curb shall be constructed under the entrance if needed to prevent surface water from flowing across the entrance or to prevent runoff from being directed out onto paved surfaces.
- Water Bar--A water bar shall be constructed as part of the construction entrance if needed to prevent surface runoff from flowing the length of the construction entrance and out onto paved surfaces.
- Maintenance--Top dressing of additional stone shall be applied as conditions demand. Mud spilled, dropped, washed or tracked onto public roads, or any surface where runoff is not checked by sediment controls, shall be removed immediately. Removal shall be accomplished by scraping or sweeping.
- Construction entrances shall not be relied upon to remove mud from vehicles and prevent off-site tracking. Vehicles that enter and leave the construction-site shall be restricted from muddy areas.
- Removed--The entrance shall remain in place until the disturbed area is stabilized or replaced with a permanent roadway or apron.

Specifications for Check Dam



Specifications for Check Dam

- The check dam shall be constructed of 4-5-in.-diameter stone, placed so that it completely covers the width of the channel.
- The top of the check dam shall be constructed so that the center is approximately 6 in. lower than the outer edges, so water will flow across the center and not around the ends.
- The maximum height of the check dam at the center of the weir shall not exceed 3 ft.
- Spacing between dams shall be as shown in the plans or by the following table:

Dam Height (ft.)	Check Dam Spacing			
	Channel Slope			
	< 5%	5-10%	10-15%	15-20%
1	65 ft.	30 ft.	20 ft.	15 ft.
2	130 ft.	65 ft.	40 ft.	30 ft.
3	200 ft.	100 ft.	65 ft.	50 ft.

PLAN PREPARED BY
LEWIS LAND PROFESSIONALS INC.

CIVIL ENGINEERING LAND SURVEYING
8691 WADSWORTH ROAD SUITE 100
WADSWORTH, OH 44281 (330) 335-8232

REVISION TABLE

NO.	DATE	DESCRIPTION
1	02/11/18	REV. PER S.C. S.W.C.L.D.

PROJECT:

4440 ROCK RIDGE LANE

TITLE:

EROSION CONTROL DETAILS

SCALE:

N.T.S.

DRAWING FILE:

15-370.DWG

M.C.S.E. NUMBER:

N/A

DATE:

02/09/16

PROJECT NUMBER:

15-370

SHEET NUMBER:

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