

Mark & Tracie McGill  
51 Corlear Drive  
Willsboro, NY 12996

**RE: McGill Retaining Wall**

To Whom It May Concern,

We are applying for the necessary permits and associated variances to construct a retaining wall along our shoreline at 51 Corlear Drive on Willsboro Bay in Willsboro, NY. As the attached pictures show, the erosion of our shoreline is significant it is threatening the stability of our home. Even though our bank is above the high-water mark, the flooding in the spring of 2011 caused significant erosion. Due to the slope of the property, and the location of the home within approximately 15ft of the bank, each rainfall is further eroding the bank and is posing an increasing threat to the house foundation.

After consulting with an environmental engineer, considering the potential impact to our home and weighing a variety of stabilization options, we are requesting permission to construct an engineered retaining wall using Redi-Rock LedgeStone. We've selected this product for its multi-colored and textured appearance to maintain the natural, aesthetic appeal of the shoreline. In addition to the LedgeStone, we are planning to supplement the existing vegetation with native plantings and incorporate existing rock on the shore at the base of our wall. Tree cutting will be required but minimal, with less than five trees potentially needing removal.

Attached to our application you can find pictures and drawings showing the LedgeStone block, site location and current shoreline condition.

Thank you for your consideration.

Sincerely,

Mark & Tracie McGill

**TOWN OF WILLSBORO, NY**

**BUILDING PERMIT APPLICATION**

Property Tax Map #: 155200 21.9-2-13.000 Permit #: \_\_\_\_\_

Property Owner: Mark and Tracie McGill Phone(w): (\_\_\_\_) \_\_\_\_\_  
 Phone(h): (518) 335-8025

Address: 8 Duchess Path Town: Clifton Park State: NY Zip: 12065

Project site: 51 Corlear Road Town: Willsboro State: NY Zip: 12996

Names, addresses, phone numbers for individuals listed below:

Architect/Engineer:	General Contractor/Builder:	General Contractor/Builder:
_____	<u>Ken Silver, Silver III Construction</u>	_____
_____	<u>87 Turner Rd</u>	_____
_____	<u>Morrisonville, NY 12962</u>	_____

Worker's Compensation/Disability wages:  yes  no Policy #: \_\_\_\_\_

Project includes:	Use and Occupancy Classification:
<input type="checkbox"/> New House/Building <input type="checkbox"/> Addition <input type="checkbox"/> Swimming Pool	<input type="checkbox"/> A - Assembly <input type="checkbox"/> I - Institutional
<input type="checkbox"/> Mobile Home <input type="checkbox"/> Deck <input checked="" type="checkbox"/> Retaining Wall	<input type="checkbox"/> B - Business <input type="checkbox"/> M - Mercantile
<input type="checkbox"/> Manufactured Home <input type="checkbox"/> Masonry Chimney <input type="checkbox"/> Demolition	<input type="checkbox"/> E - Educational <input type="checkbox"/> R - Residential
<input type="checkbox"/> Garage/Carport <input type="checkbox"/> Mfg. Chimney <input type="checkbox"/> Relocation	<input type="checkbox"/> F - Factory/Industrial <input type="checkbox"/> S - Storage
<input type="checkbox"/> Storage/Utility Shed <input type="checkbox"/> Solid Fuel <input type="checkbox"/> Change of Use	<input type="checkbox"/> H - High Hazard <input checked="" type="checkbox"/> U - Utility/Misc
<input type="checkbox"/> Repairs/Alterations <input type="checkbox"/> Liquid/Gas Fuel <input type="checkbox"/> Other	

Zoning District: RL1 Is the project in compliance with the Town of Willsboro Zoning Ordinance? Yes

Is the site in a flood plain? No in a wetland? No under Adk. Park Agency jurisdiction? Yes

Does the property have:

<input checked="" type="checkbox"/> Public Water	<input type="checkbox"/> New Private Well	<input type="checkbox"/> Existing Private Well	<input type="checkbox"/> Other?
<input type="checkbox"/> Public Sewer	<input type="checkbox"/> New Septic System	<input checked="" type="checkbox"/> Existing Septic System	

Plans re:  attached/enclosed  shipped separately  not supplied. Plot plan attached:

Estimated cost of project: \$20,000 Has any work on the project been started or completed? No

*Application Certification: I hereby certify that I have read the instructions and examined the same to be true and correct. All provisions of laws and ordinances covering this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or land use or the performance of construction. Nothing in this permit is intended to indicate that the Town of Willsboro has examined any covenants or restrictions which may be specifically applicable to the premises for which this permit is sought other than the Town of Willsboro Zoning Ordinance. The permit holder should seek advice from his or her attorney as to other covenants or restrictions that may affect his or her property.*

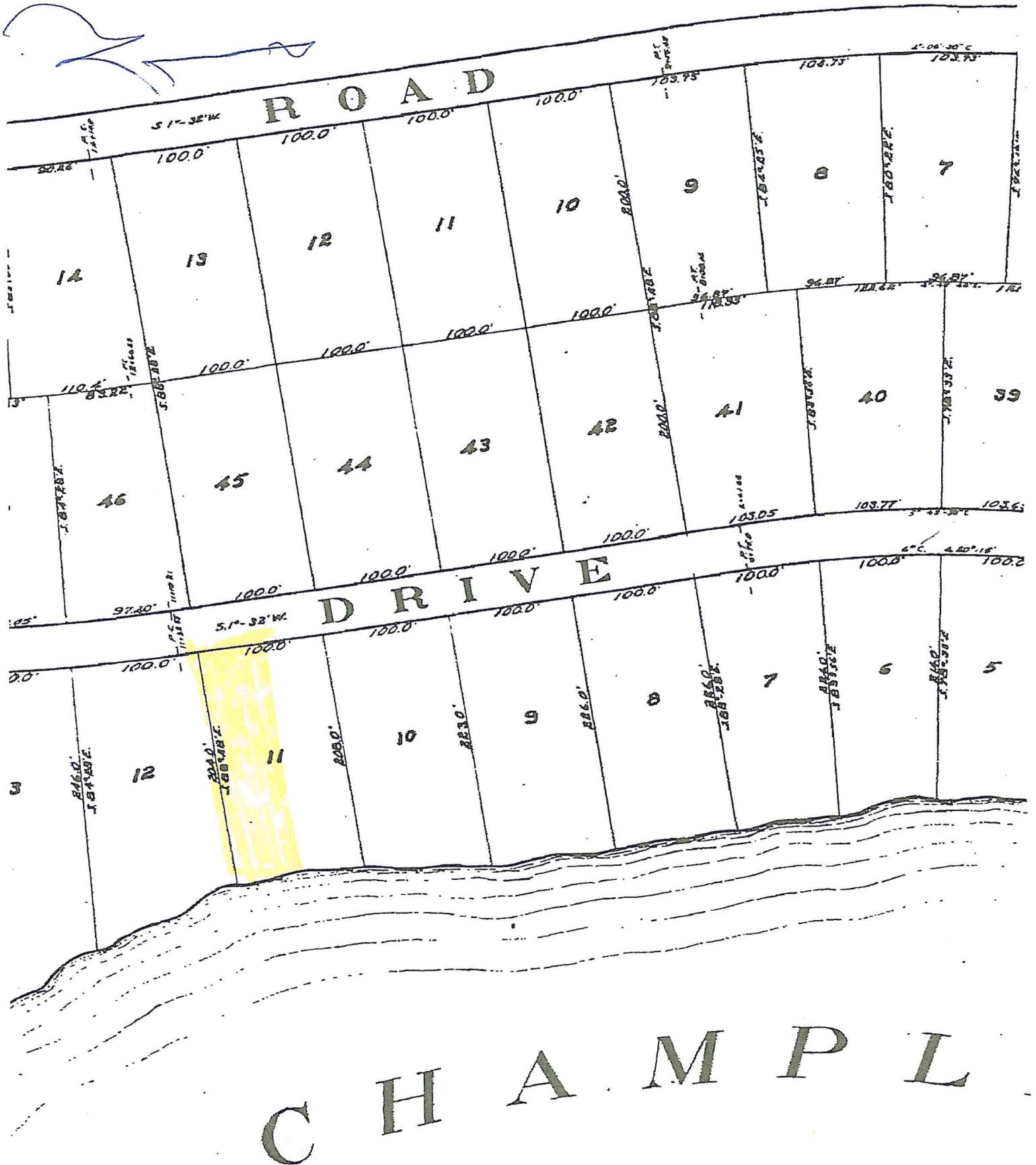
Signature of Applicant/Authorized Agent \_\_\_\_\_ Date 9/29/16

Required fee: \$ \_\_\_\_\_ cash: \_\_\_\_\_ check #: \_\_\_\_\_ Make checks payable to: **Town of Willsboro**

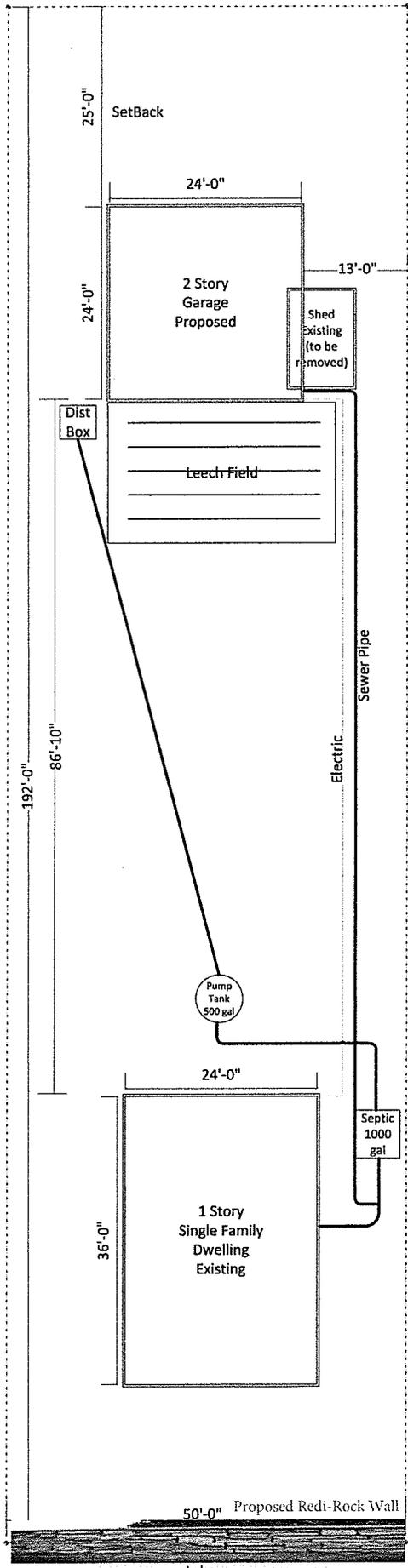
For Office Use:

Applications for:  new address  Town water  Town sewer  Highway permit: Town/Co./NYSDOT  
 Notifications to:  Dig Safe  APA  NYSDEC  NYSDOH  NYSHPO

Date Received: \_\_\_\_\_ Reviewed/Approved by: \_\_\_\_\_ CO or CC Issued: \_\_\_\_\_



Shore Road



Legend  
 - - - - - Property Line  
 - - - - - Electric  
 - - - - - Sewer Line

51 Corlear Dr



36'-0"

1 Story  
Single Family  
Dwelling  
Existing

Septic  
1000  
gal

X - Tree to be removed

Proposed Redi-Rock Wall

50'-0"

Lake

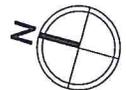
High Water Mark approx 4ft from  
proposed wall. TBD by Engineering  
Survey

Legend

- Property Line
- ..... Electric
- Sewer Line

51 Corlear Dr

.2 acres



$\phi = 34^\circ$

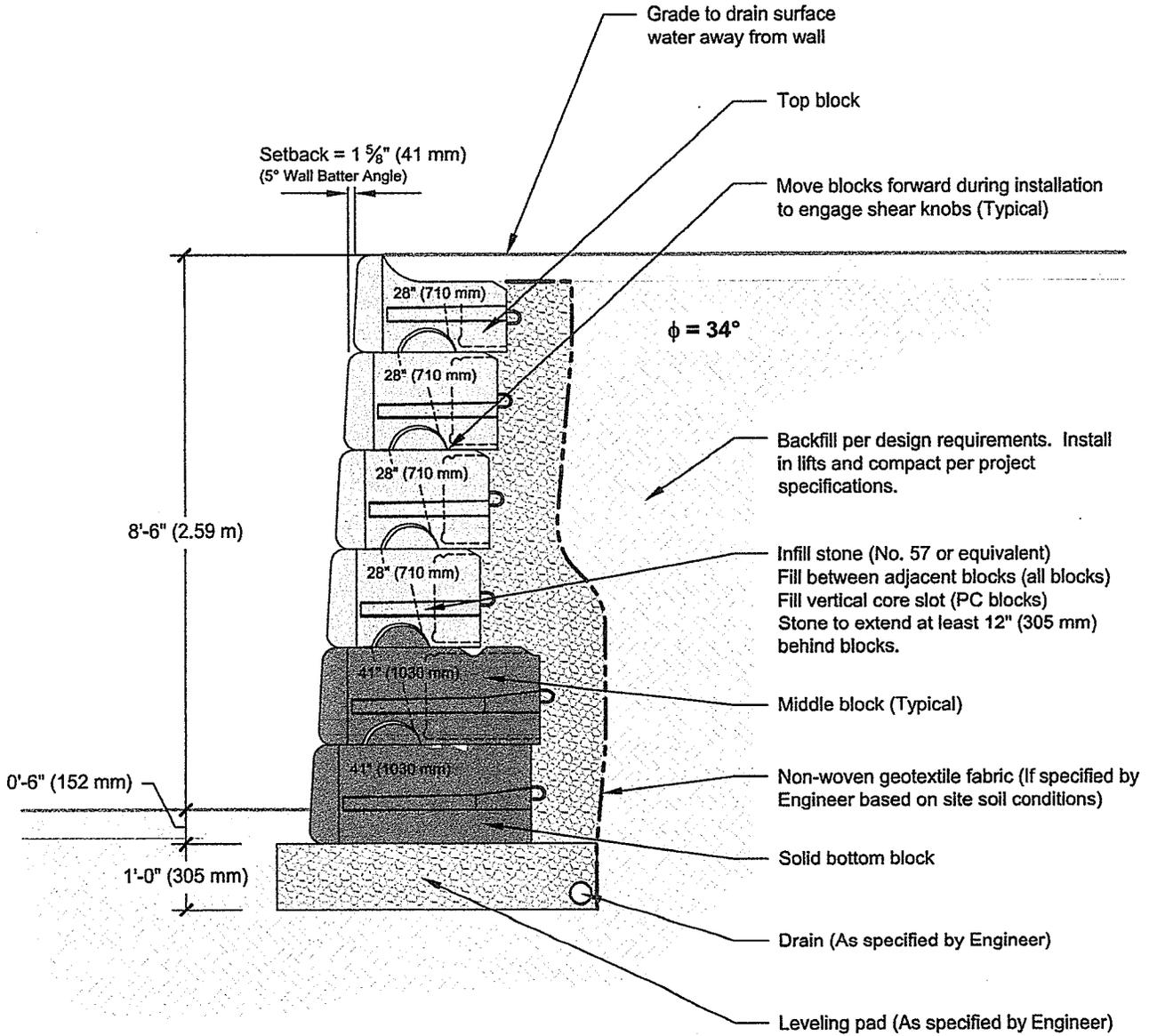
DENSE WELL-GRADED SAND or SAND AND GRAVEL

**LOAD CONDITION A** | NO LIVE LOAD SURCHARGE, NO BACK SLOPE, NO TOE SLOPE

**6 BLOCK HIGH SECTION**

(4) 28" (710 mm) Blocks  
(2) 41" (1030 mm) Blocks

PRELIMINARY  
Professional Engineering Design  
Required for Construction



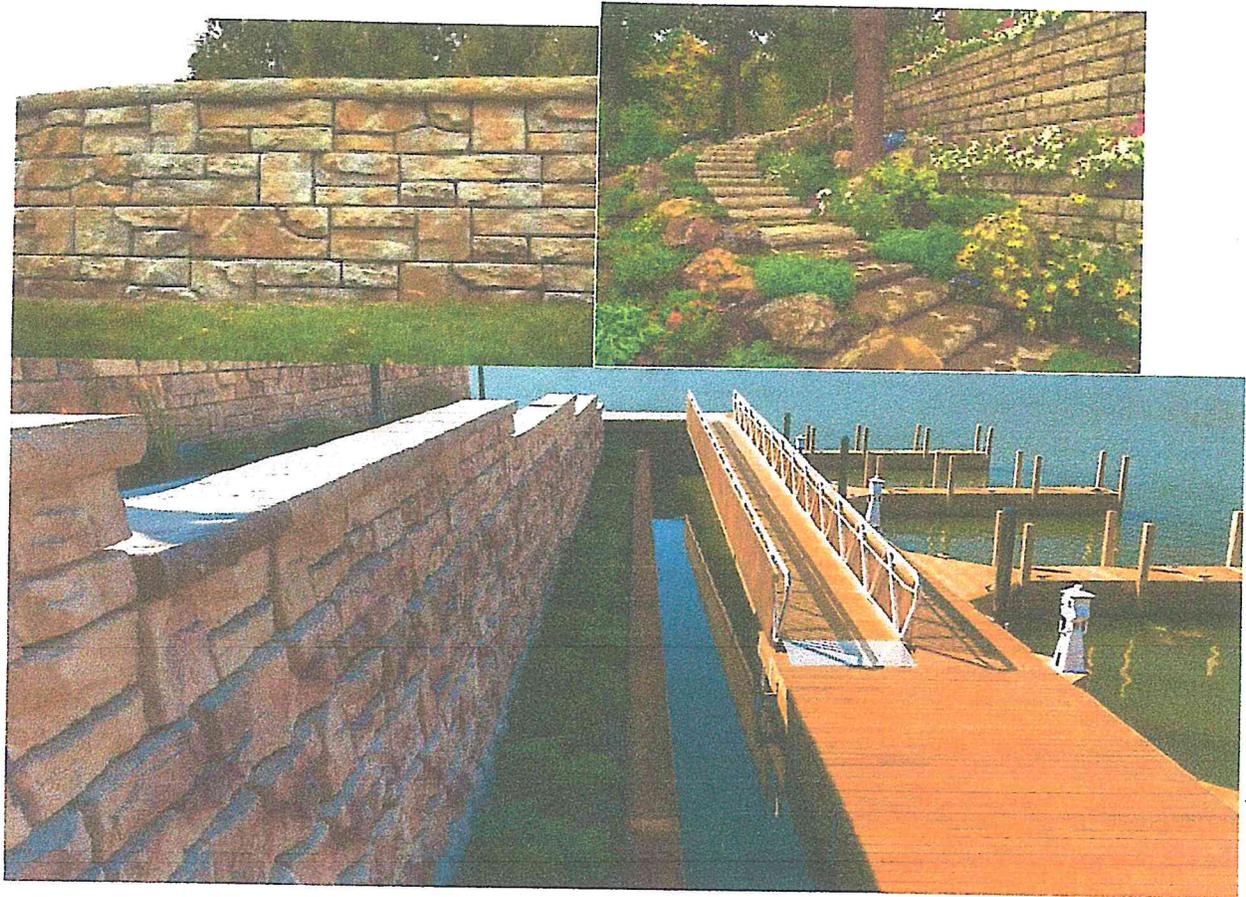
This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site. Final wall design must address both internal and external drainage and all modes of wall stability.

DRAWN BY:	C. Kruger
APPROVED BY:	J. Johnson
DATE:	June 4, 2015
SHEET:	1 of 1

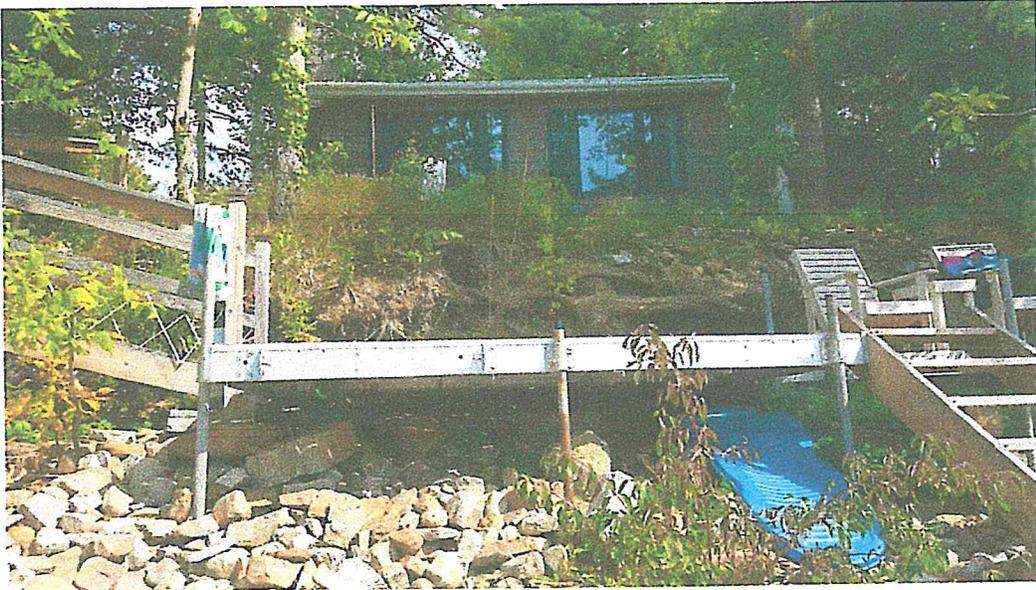
TITLE:	<b>Preliminary Wall Section</b>
	Dense Well-Graded Sand or Sand and Gravel, $\phi = 34^\circ$ No Live Load Surcharge, No Back Slope, No Toe Slope
FILE:	A_34_B_41_108_cad.dwg

**REDI-ROCK**®

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(866) 222-8400 ext 3010 • engineering@redi-rock.com  
www.redi-rock.com







Approx high-water mark

