091-019-000

NHDES

Water Division/ Shoreland Program
Land Resources Management

Check the Status of your Notification: http://des.nh.gov/onestop

RSA/Rule: RSA 483-B, Env-Wq 1400

RECEIVED MAY 07 2015 NHDES

Office use only: Accepted ☑ Expires: 5/7/20 Rejected ☐
Check Amount $ 236.70 Check No. 20803 Initials: MA Date: 5/7/15

Shoreland File Number 2015-01047 Reviewed Date: 5/7/15 Initials: MA

A. PROJECT AND OWNER INFORMATION

1. Project Property Address	Town/City	State	Zip code
91 Herrick Cove Lane	New London	NH	03257

2. Waterbody Name	Tax Map	Lot	Block	Unit
Lake Sunapee	91	19	,	,

3. Property Owner Name (last, first, MI)	Phone No.	Fax No.	An email address authorizes electronic communication
Kozlowski Brett and Amy	508-545-1502		bakozlowski@verizon.net

Mailing address	Town/City	State	Zip code
89 Lake St.	Sherborn	Mass.	01770

B. PROPOSED PROJECT DETAILS: (NOTE: This process cannot be used: a) for impacts to areas under the jurisdiction of RSA 482-A including surface waters and their banks, wetlands, tidal areas including the 100 ft tidal buffer zone, sand dunes and beaches , or; b) to expand the footprint of nonconforming primary structures within the waterfront buffer.)

TOTAL PROPOSED IMPACT AREA: 1367 sq. ft. **square feet** | **NEW IMPERVIOUS AREA PROPOSED:** reduction MA **square feet**

To consolidate the existing gravel mulch paths into one path to access the new patio and dock. The new path surface to be pervious stepping stones approx.. 500 sq.ft. Also to remove the existing impervious deck (240 sq.ft.) and replace with a pervious stone patio 240 sq.ft. Additionally install a storage shed approx.. 12 x 16. Total square footage for pervious permanent impacts 740 sq.ft. Permanent impervious impacts are reduced to 192 sq.ft. and temporary access impacts are 435 sq.ft. Total impacts 1367 sq.ft.

C. CONDITIONS: Agree to the following Permit by Notification by initialing each one:

BSK Env-Wq 1406.17(a)	Erosion and siltation control measures shall (1) Be installed prior to the start of work; (2) Be maintained throughout the project; and (3) Remain in place until all disturbed surfaces are stabilized.
BSK *Env-Wq 1406.17(b)*	*Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.*
BSK Env-Wq 1406.17(c)	No person undertaking any activity in the protected Shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
BSK Env-Wq 1406.17(d)	Any fill used shall be clean sand, gravel, rock, or other suitable material.
BSK Env-Wq 1406.05	Upon receiving acceptance of this Permit by Notification, a copy of page one of this form shall be posted on site prior to the start of work.

[1] Form is not valid unless a shoreland file number is assigned and the notification is accepted, dated and initialed by DES.

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Timber and gravel steps leading down from road

Typical existing paths; Mix of gravel and mulch covering

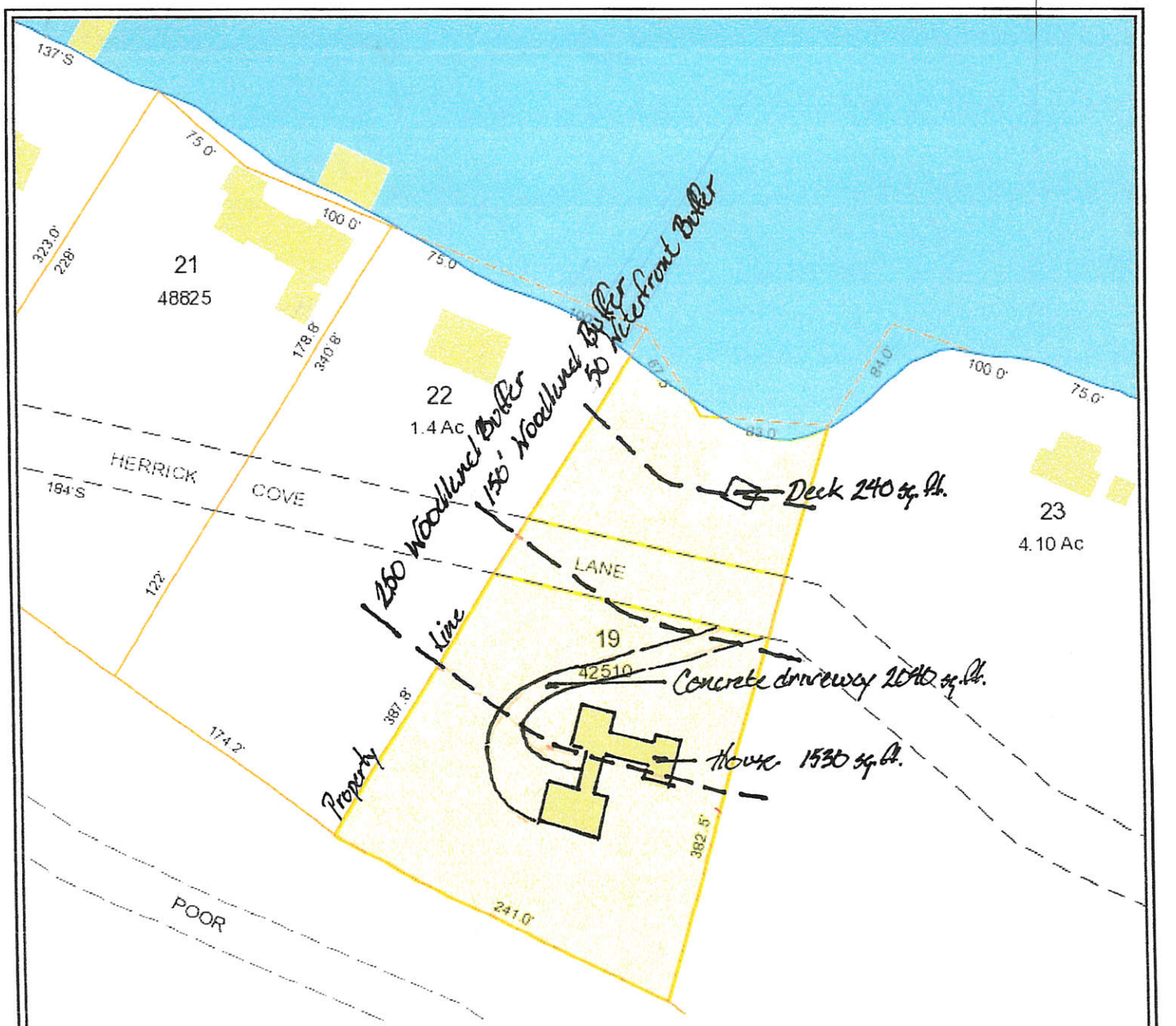
Path from existing deck to dock location

Existing deck 240 sq. ft.

Kozlowski Residence

Tax map 91 Lot 19

All pictures taken 4-30-15

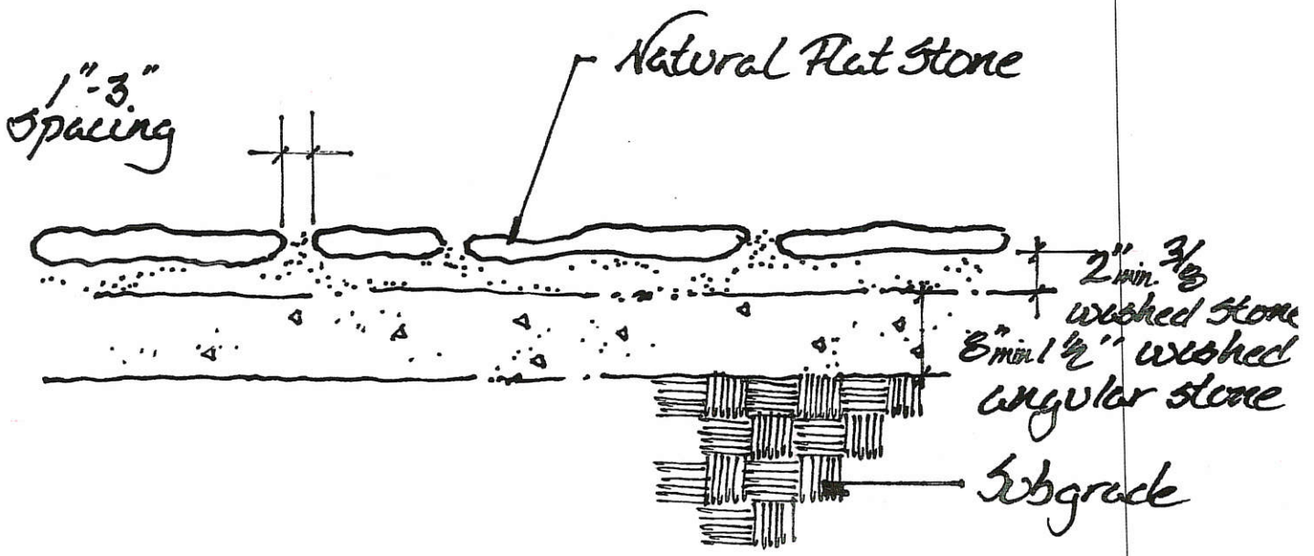


TAX MAP 91 LOT 19 IMPERVIOUS AREA CALCULATIONS	
HOUSE:	1530 SQ. FT.
DRIVEWAY:	2040 SQ. FT.
DECK:	240 SQ. FT.
TOTAL IMPERVIOUS:	3810 SQ.FT.
LOT AREA WITHIN 250 BUFFER:	20286.6 SQ. FT.
PERCENTAGE IMPERVIOUS COVER:	18.78%

Buffer Delineation / Impervious Area Plan
Kozlowski Residence
Tax Map 91 Lot 19
Landforms Ltd
Scale 1" = 100'-0"

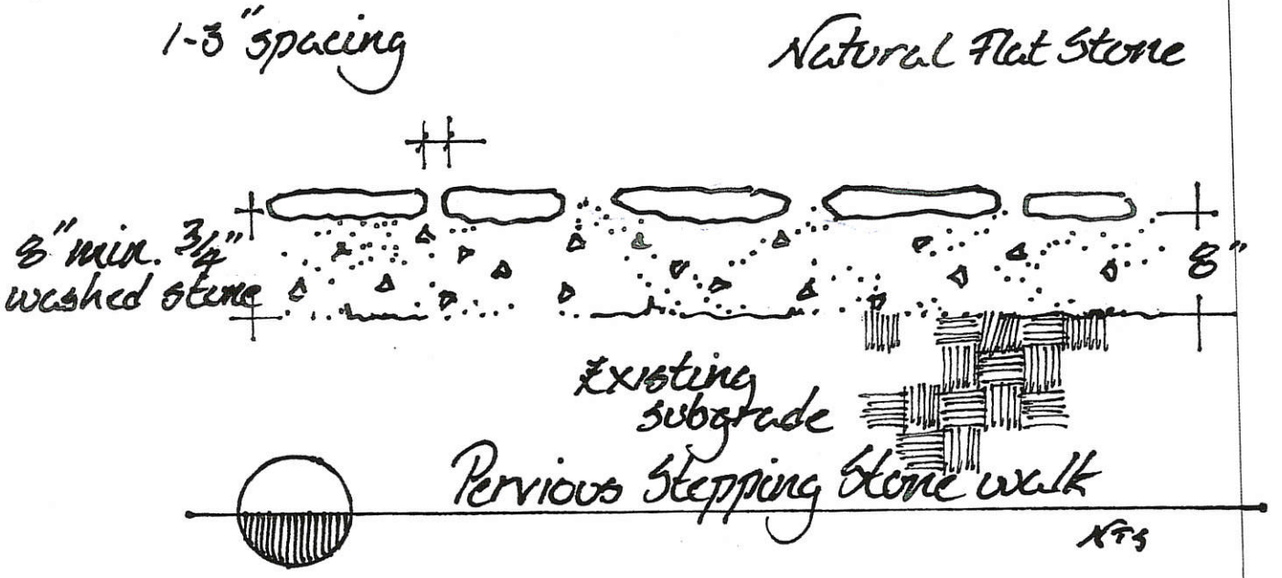
LANDFORMS

a Landscape Architects Collaborative.



Pervious Patio

NTS



Pervious Stepping Stone walk

NTS

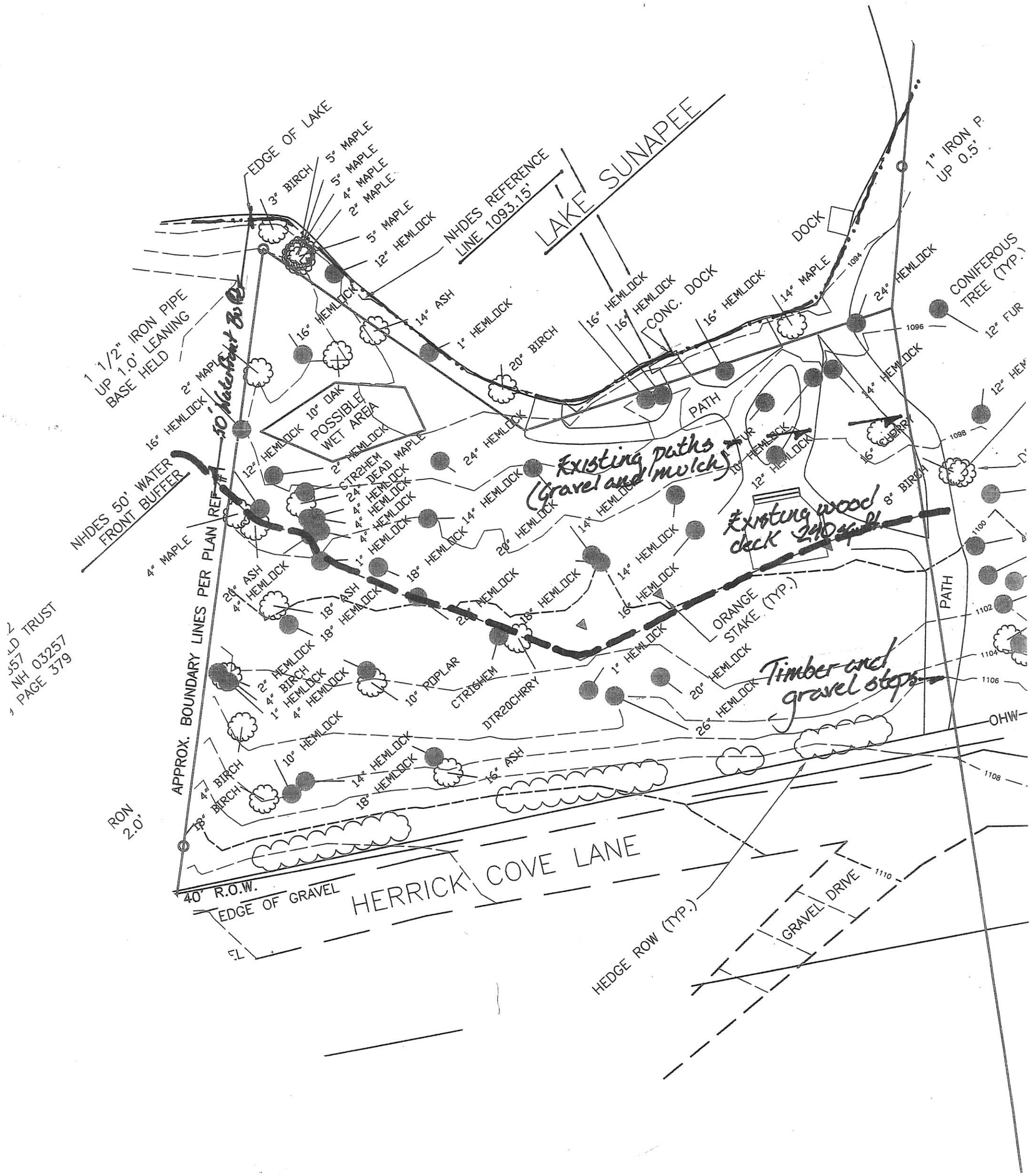
17 Dow Road • Bow, NH 03304 • (603) 228-2858 / (FAX) 228-2859

Land Planning • Landscape Architecture • Landscape Construction

091-019-000

Existing Conditions
Kozlowski Residence

Tax Map 91 Lot 19 New London, NH.
Landforms Ltd.
Bow, NH.
Scale 1" = 20'-0"



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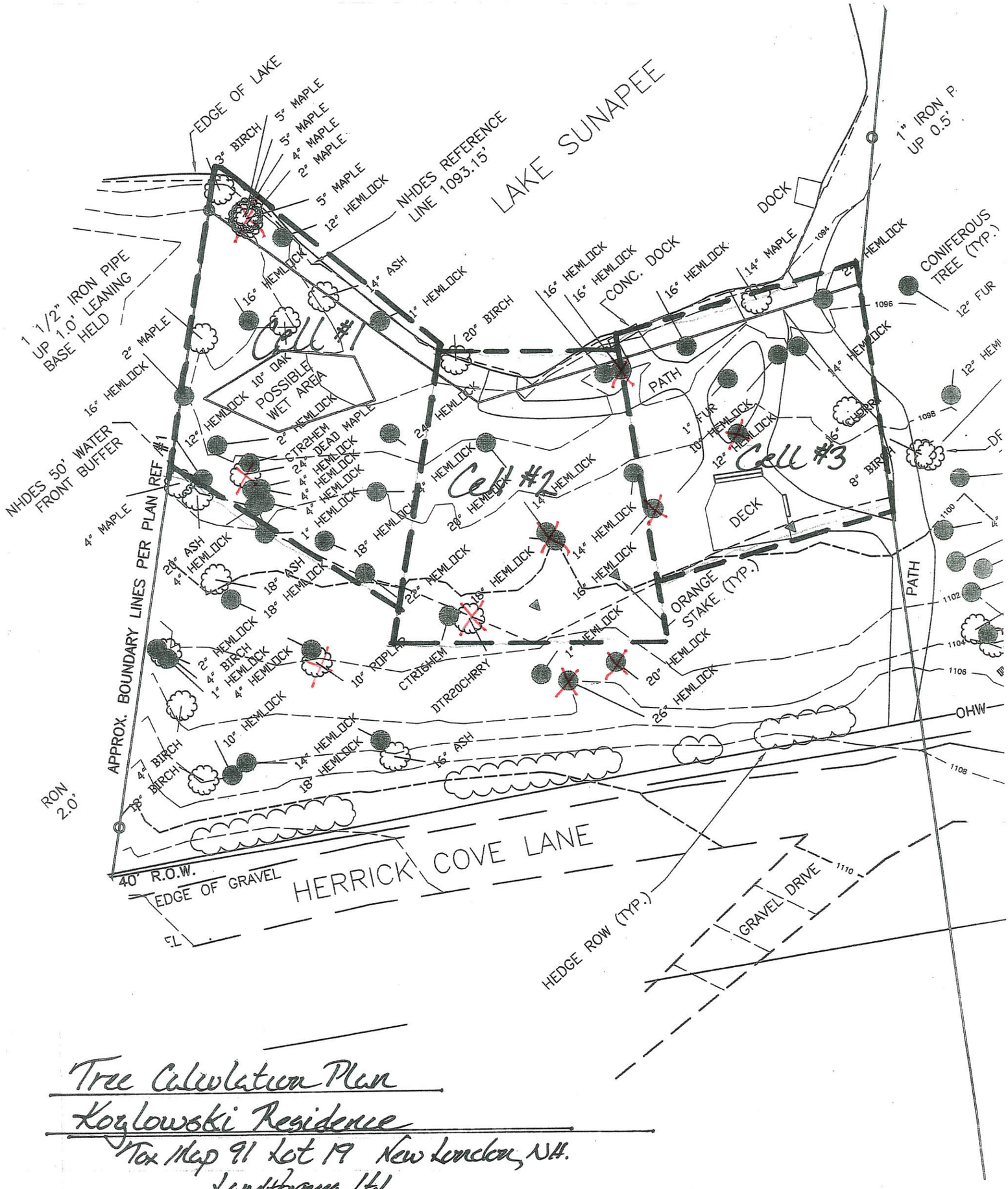
TAX MAP 91 LOT 19 VEGETATED BUFFER SCORECARD - NHDES SYSTEM						
	CELL 1		CELL 2		CELL 3	
	QUANTITY	POINTS	QUANTITY	POINTS	QUANTITY	POINTS
TREES						
1-3" CAL (1 POINT)	5	5	0	0	1	1
3-6" CAL (5 POINTS)	3	15	0	0	0	0
6-12" CAL. (10 POINTS)	3	30	0	0	1	10
12-24" CAL. (15 POINTS)	6	90	6	90	5	75
> 24" CAL. (25 POINTS)	0	0	0	0	1	25
TOTAL POINTS EXISTING VEGETATION		140		90		111



Tree Calculation Plan
Koglowski Residence
Tax Map 91 Lot 19 New London, N.H.
Landforms Ltd
Scale 1"=20'-0"

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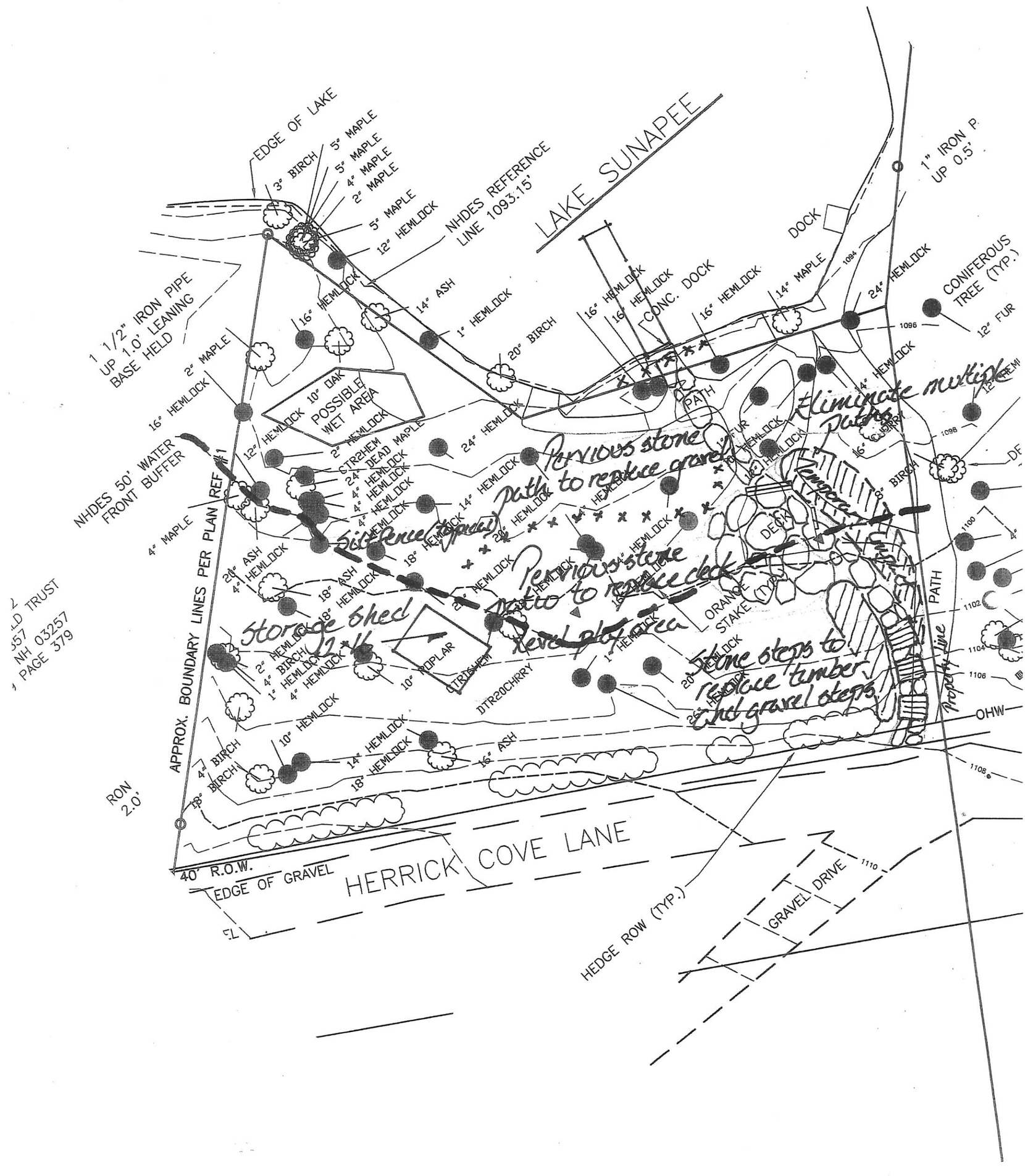
Conceptual Lakefront Plan
Kozlowski Residence

New London, N.H.

Landforms Ltd.

Bow, N.H.

Scale 1":20'-0"