

JoeTheroux 426@Comcast, Net

RECEIVED

MAY 11 2021

Planning & Development
Town of Waterford, CT

TOWN OF WATERFORD
Application for Inland Wetland / Watercourse Permit

Type of Application:

Permitted Use, Section 4.1 _____

Unregulated Activities, Section 4.2 _____

Regulated Activities, Section 6 _____

Fee: _____

Agency Use:

Date Received: _____

Received By: _____

Application Number: C-21-4

1. Applicant:	JOHN LOMBARDI JR	Phone:	860-608-6111
Address:	198 SHORE RD, WATERFORD	State:	CT
		Zip:	06385
Fax:	E-Mail: JLOMBARDI JR @ LOMBARDI LLC . COM		
2. Owner:	JOHN LOMBARDI JR	Phone:	860-608-6111
Address:	198 SHORE RD, WATERFORD	State:	CT
		Zip:	06385
Fax:	E-Mail:		
3. Agent:	JOSEPH R. THEROUX	Phone:	860-428-7992
Address:	P.O. BOX 32, VOLUNTOWN	State:	CT
		Zip:	06384
Fax:	E-Mail: JOETHEROUX426 @ COMCAST. NET		
4. Property Address:	198 SHORE RD. WATERFORD		
5. Abutting Property Owners - Complete Attached Form	SEE ATTACHED FORM		
6. Activity to be Reviewed and / or Licensed (attach sheet if necessary):	STABILIZING + RECLAMATION OF AREAS WITHIN AND ADJACENT TO INTERMITTENT WATERCOURSES.		
7. Description of Proposed Activity (attach sheet if necessary):	SEE ATTACHED SHEET		
8. Purpose of Activity (attach sheet if necessary):	SEE ATTACHED SHEET		
9a. Acreage of Property:	1.93 AC	9b. Acreage of Wetlands:	.096
10. Acreage of Wetlands Altered:	1060 SF (.024 AC)		
11. Wetland Mitigation Proposed:	RIPARIAN / WETLANDS PLANTING ZONE		
12. Section 7 and sections 8.1 & 8.2 of the Town of Waterford "Inland Wetlands and Watercourse Regulations" have been complied with: (Review attached check list)			
☒ Yes: ☐ No:			
The applicant / owner hereby gives the Commission, its agent and consultants the right of free access to any part of the property under consideration. The undersigned warrants the truth of all statements contained herein and in all supporting documents according to the best of his / her knowledge, information and belief.			
* Applicant:	John Lombardi Jr	Date:	4/1/21
* Owner:	John Lombardi Jr	Date:	4/1/21
Agent:	Joe Theroux	Date:	4/12/2021

Conservation Commission
Permit Application Attachment

Properties Adjacent to:

[illegible]



Connecticut Department of

ENERGY &
ENVIRONMENTAL
PROTECTION

GIS CODE #: _____
For DEEP Use Only

79 Elm Street • Hartford, CT 06106-5127

www.ct.gov/deep

Affirmative Action/Equal Opportunity Employer

Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete and mail this form in accordance with the instructions on pages 2 and 3 to:

DEEP Land & Water Resources Division, Inland Wetlands Management Program, 79 Elm Street, 3rd Floor, Hartford, CT 06106

Incomplete or incomprehensible forms will be mailed back to the inland wetlands agency.

PART I: Must Be Completed By The Inland Wetlands Agency

1. DATE ACTION WAS TAKEN: year: _____ month: _____

2. ACTION TAKEN (see instructions, only use one code): _____

3. WAS A PUBLIC HEARING HELD (check one)? yes ☐ no ☐

4. NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:

(print name) _____ (signature) _____

PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant

5. TOWN IN WHICH THE ACTION IS OCCURRING (print name): WATERFORD

does this project cross municipal boundaries (check one)? yes ☐ no ☒

if yes, list the other town(s) in which the action is occurring (print name(s)): _____

6. LOCATION (see instructions for information): USGS quad name: NIANTIC or number: 101

subregional drainage basin number: 2201

7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): JOHN LOMBARDI JR.

8. NAME & ADDRESS / LOCATION OF PROJECT SITE (print information): 198 SHORE RD. WATERFORD

briefly describe the action/project/activity (check and print information): temporary ☐ permanent ☒ description: _____

STREAM BANK STABILIZATION + GRADING IN UPLAND REVIEW AREA.

9. ACTIVITY PURPOSE CODE (see instructions, only use one code): J

10. ACTIVITY TYPE CODE(S) (see instructions for codes): 1, 5, 12

11. WETLAND / WATERCOURSE AREA ALTERED (must provide acres or linear feet):

wetlands: .024 acres open water body: _____ acres stream: 239 linear feet

12. UPLAND AREA ALTERED (must provide acres): .37 acres

13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): .024 acres

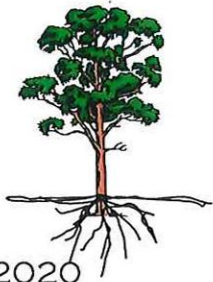
DATE RECEIVED:

PART III: To Be Completed By The DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO



JOSEPH R. THEROUX

~ CERTIFIED FORESTER/ SOIL SCIENTIST ~
PHONE 860-428-7992 ~ FAX 860-376-6842

P.O. Box 32, VOLUNTOWN, CT. 06384

FORESTRY SERVICES ~ ENVIRONMENTAL IMPACT ASSESSMENTS
WETLAND DELINEATIONS AND PERMITTING ~ E&S/SITE MONITORING
WETLAND FUNCTION AND VALUE ASSESSMENTS

12/7/2020

MR. JOHN LOMBARDI
198 SHORE RD.
WATERFORD, CT. 06385

RE: WETLAND DELINEATION, 198 SHORE RD. WATERFORD, CT.

DEAR MR. LOMBARDI,

AT YOUR REQUEST I HAVE DELINEATED THE INLAND WETLANDS, WATERCOURSE AND TIDAL WETLANDS ON THE ABOVE REFERENCED PROPERTY.

THESE WETLANDS HAVE BEEN DELINEATED IN ACCORDANCE WITH THE STANDARDS OF THE NATIONAL COOPERATIVE SOIL SURVEY AND THE DEFINITIONS OF WETLANDS AS FOUND IN THE CONNECTICUT STATUTES, CHAPTER 440, SECTIONS 22A-38.

FLUORESCENT PINK FLAGS WITH A CORRESPONDING LOCATION NUMBER DELINEATE THE BOUNDARY BETWEEN THE UPLAND SOILS AND THE INLAND WETLANDS AND WATERCOURSE THAT WAS FOUND.

FLAG NUMBERS WF-1 THROUGH WF-20 AND WF-1A THROUGH WF-13A DELINEATE THE NORTHERN AND SOUTHERN BOUNDARY OF THE WATERCOURSE, (ORDINARY HIGH WATER MARK), ADJACENT WETLAND SOILS AND TIDAL WETLANDS LOCATED ALONG THE SOUTHERN PORTION OF THE PARCEL.

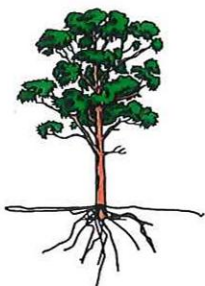
THE DELINEATED WETLAND SOILS ARE CHARACTERIZED BY THICK ORGANIC "A" HORIZONS, SHALLOW REDOXIMORPHIC FEATURES AND LOW CHROMA COLORS WITHIN 20 INCHES OF THE SOIL SURFACE.

THE UPLAND SOILS ON THE NORTHERN PORTION OF THE PROPERTY ARE THE CANTON AND CHARLTON FINE SANDY LOAMS, AND ON THE SOUTHERN PORTION OF THE PROPERTY, THE WOODBRIDGE FINE SANDY LOAMS. BOTH OF THESE SOILS ARE MODERATELY WELL TO WELL DRAINED, STONY SOILS.

IN CONCLUSION, IF YOU HAVE ANY QUESTIONS CONCERNING THE DELINEATION OR THIS REPORT, PLEASE FEEL FREE TO CONTACT ME.

THANK YOU,

JOSEPH R. THEROUX
CERTIFIED SOIL SCIENTIST
MEMBER SSSSNE, NSCSS.



JOSEPH R. THEROUX

~ CERTIFIED FORESTER/ SOIL SCIENTIST ~
PHONE 860-428-7992 ~ FAX 860-376-6842
P.O. Box 32, VOLUNTOWN, CT. 06384

FORESTRY SERVICES ~ WETLAND IMPACT ASSESSMENTS
WETLAND DELINEATIONS AND PERMITTING ~ E&S/SITE MONITORING
WETLAND FUNCTION/VALUE ASSESSMENTS

DESCRIPTION OF PROPOSED ACTIVITY

THE APPLICANT WISHES TO RE-CLAIM THE AREAS ALONG THE NORTHERN AND SOUTHERN SIDES OF THE INTERMITTENT WATERCOURSE, AS THESE AREAS ARE CURRENTLY OVERGROWN WITH INVASIVES AND ARE UN-USEABLE. THEY ARE TO BE RE-PLANTED WITH VARIOUS ORNAMENTALS AND GROUND COVERS, (PACHYSANDRA), TO STABILIZE THE AREAS.

ON THE NORTHERN SIDE OF THE WATERCOURSE, ADJACENT TO THE YARD AREA AND SHORE ROAD, A STONE WALL IS PROPOSED WITH ASSOCIATED GRADING TO BLEND IT IN WITH THE TOPOGRAPHY. RAISED PLANTING BEDS ARE PROPOSED ON THE SOUTHERN SIDE OF THE WATERCOURSE.

ALONG THE EDGES OF THE WATERCOURSE, 6 TO 8-INCH DIAMETER RIP-RAP IS PROPOSED TO ARMOR THE STREAM BANKS AND STABILIZE THE STEEP SLOPES AND AREAS DIRECTLY ADJACENT TO THE STREAM WHERE STREAM FLOWS OVERTOP THE STREAMBANKS DURING SIGNIFICANT STORM EVENTS.

THE RIP-RAP WILL HELP SLOW VELOCITIES AND STABILIZE THE STREAM BANKS.

NO RIP-RAP IS PROPOSED WITHIN THE EXISTING STREAM CHANNEL ON THE NORTH SIDE OF THE STREAM EXCEPT IN ONE AREA WHERE IT IS NEEDED TO SUPPORT THE PROPOSED GRADING, (ADJACENT TO WETLAND FLAGS WF-3 THROUGH WF-6), TO PREVENT THE STREAM FROM ERODING THE BANK.

ALONG THE REMAINING LENGTH OF THE WATERCOURSE, RIP RAP WILL BE PLACED TO STABILIZE THE TOE OF SLOPE.

APPROX. 1060 SQUARE FEET OF RIP-RAP IS PROPOSED TO BE PLACED IN THE WETLANDS ON THE NORTH SIDE, AND ALONG THE SOUTHERN SIDE OF THE WATERCOURSE.

ABOVE THE RIP-RAP ON THE SOUTHERN SIDE OF THE WATERCOURSE, A RIPARIAN CORRIDOR IS PROPOSED WITH PLANTINGS OF WARM SEASON GRASSES, HERBACEOUS VEGETATION, SHRUBS AND TREES. THIS AREA WILL PROVIDE COVER AND HABITAT FOR WILDLIFE. SEE LIST OF RECOMMENDED PLANTINGS.

ON THE SOUTHERN SIDE OF THE WATERCOURSE, A TEMPORARY CONSTRUCTION ENTRANCE/STONE ANTI TRACKING APRON IS PROPOSED, WITH RAISED PLANTING BEDS FOR VARIOUS ORNAMENTAL PLANTINGS.

THE TIMING OF THE PROPOSED ACTIVITY IS DURING THE MONTH OF JUNE, WHEN THE STREAM FLOWS ARE MINIMAL.

WETLAND/STREAMBANK IMPACTS:

AS THERE IS ONLY MINIMAL FILLING IN THE AREA OF WETLAND FLAGS WF-3 THROUGH WF-6 ON THE NORTH SIDE OF THE WATERCOURSE, AND ALONG THE EDGE OF THE WATERCOURSE ON THE SOUTHERN SIDE, IT IS MY OPINION THAT THE IMPACTS TO THE WETLAND FUNCTIONS ARE MINIMAL AND THERE WILL BE NO DOWNSTREAM IMPACTS AS A RESULT OF THE PROPOSED ACTIVITY. THIS IS PROVIDED THAT THE PROPOSED E&S MEASURES ARE CORRECTLY IMPLEMENTED AND MAINTAINED DURING THE CONSTRUCTION TIMEFRAME.

THERE WILL ONLY BE A SLIGHT REDUCTION IN STORAGE VOLUME IN SOME OF THE NARROWER PORTIONS OF THE WATERCOURSE DUE TO THE PLACEMENT OF THE RIP-RAP, HOWEVER I THINK THIS IS NEGLIGIBLE DUE TO THE FLOW VELOCITIES THAT OCCUR DUE TO THE CHANGE IN TOPOGRAPHY IN THIS PORTION OF THE WATERCOURSE ON THE PROPERTY. THERE ARE NO FLOODPLAIN AREAS THAT STORE OR ATTENUATE FLOWS IN THIS WATERCOURSE, UNTIL IT REACHES THE TIDAL WETLAND AREA TO THE SOUTH.

THERE WILL BE NO CHANGES IN THE FLOW PATH OF THE WATERCOURSE, NOR ANY IMPACTS TO GROUND WATER, OR SURFACE WATER RECHARGE OR DISCHARGE.

THE PLACEMENT OF THE RIP RAP WILL PREVENT EROSION, DISSIPATE FLOWS ALONG THE STREAMBANKS AND ENHANCE HABITAT FOR AQUATIC INSECTS, AMPHIBIANS, REPTILES AND SMALL MAMMALS. THE PROPOSED 20-FOOT-WIDE RIPARIAN CORRIDOR WILL ENHANCE THE HABITAT AREA AND COVER AS WELL.

SEQUENCE OF EVENTS/CONSTRUCTION NARRATIVE:

NORTH SIDE:

- 1.) E&S MEASURES WILL BE INSTALLED, ALONG THE WETLANDS AND STREAMBANKS, (SILT FENCING OR STAKED HAYBALES AS NEEDED). EROSION CONTROL NETTING WILL ALSO BE UTILIZED IF NECESSARY, DURING THE FINAL GRADING AND PLANTING ON THE STEEPER SLOPES.
- 2.) THE VEGETATION WILL BE CLEARED AND GRUBBED TO REMOVE THE ROOT SYSTEMS OF THE INVASIVES, AND THE AREAS WILL BE GRADED AND LEVELED.
- 3.) RIP-RAP WILL BE INSTALLED TO SUPPORT THE GRADING AND STABILIZE STREAM BANKS TO PREVENT THE EROSION THAT IS CURRENTLY OCCURRING.
- 4.) THE STONE WALL WILL BE CONSTRUCTED AND FINAL GRADING WILL OCCUR.
- 5.) THE SLOPES WILL BE SEEDED/PLANTED.

SOUTH SIDE:

- 1.) E&S MEASURES WILL BE INSTALLED.
- 2.) THE CONSTRUCTION ENTRANCE AND STONE ANTI-TRACKING APRON WILL BE CONSTRUCTED.

- 3.) THE EXISTING VEGETATION WILL BE CLEARED AND GRUBBED.
- 4.) THE RIP-RAP WILL BE PLACED.
- 5.) THE DISTURBED AREAS AND RIPARIAN ZONE WILL BE SEEDED AND PLANTED.
- 6.) THE RAISED PLANTING BEDS WILL BE CONSTRUCTED.

RECOMMENDED RIPARIAN ZONE PLANTINGS:

TREES:

FLOWERING CRAB APPLE
FLOWERING DOGWOOD

SHRUBS:

SWAMP AZALEA
SERVICEBERRY
MOUNTAIN LAUREL
WINTERBERRY

HERBACEOUS:

BLUE FLAG IRIS
JOE PYE WEED
CARDINAL FLOWER
BLUE VERVAIN
MISC. FERN SPECIES
MISC. WARM SEASON GRASSES

SOUTHERN GARDEN AREA/RAISED BED PLANTING OPTIONS:

TREE & SHRUBS:

RIVER BIRCH
WITCH HAZEL
SHOW OFF FORSYTHIA
AMERICAN BEAUTYBERRY
MOUNTAIN LAUREL
PIERUS

PERENNIALS:

MISC. FERNS
LEUCOTHOUES
DAFFODILS
CARDINAL FLOWER
BRUNNERA
ASTILBE

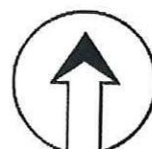


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Scale: 1"=376'

Scale is approximate

The information depicted on this map is for planning purposes only.
It is not adequate for legal boundary definition, regulatory
interpretation, or parcel-level analyses.



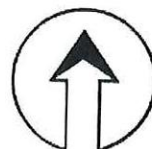


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Scale: 1"=94'

Scale is approximate

The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analyses.



NORTHERN SLOPE
AND STREAM
CHANNEL

← RIP RAP →



**SOUTH
SIDE**

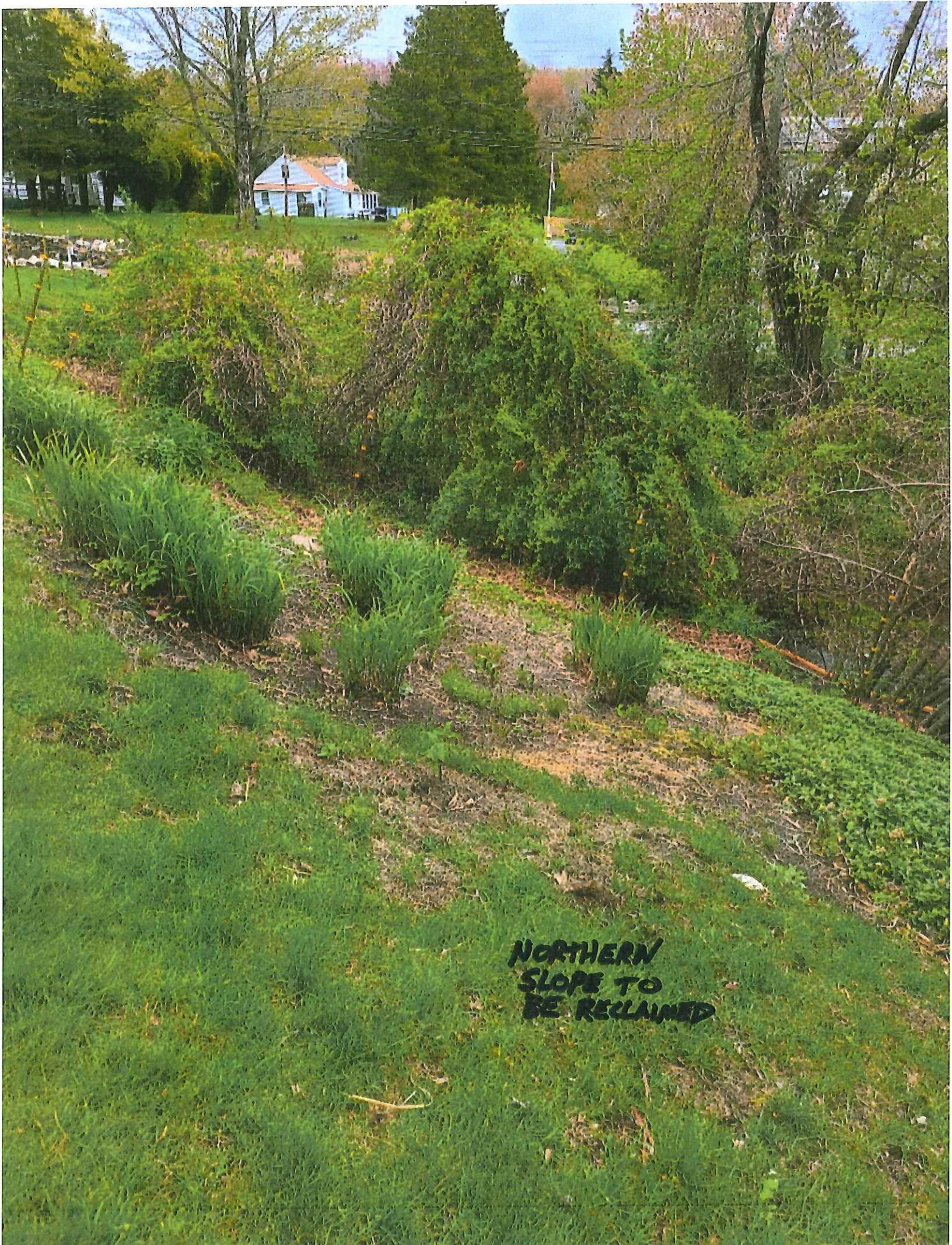
**NORTH
SIDE**

**AREA OF
RIP-RAP
STABILIZATION**

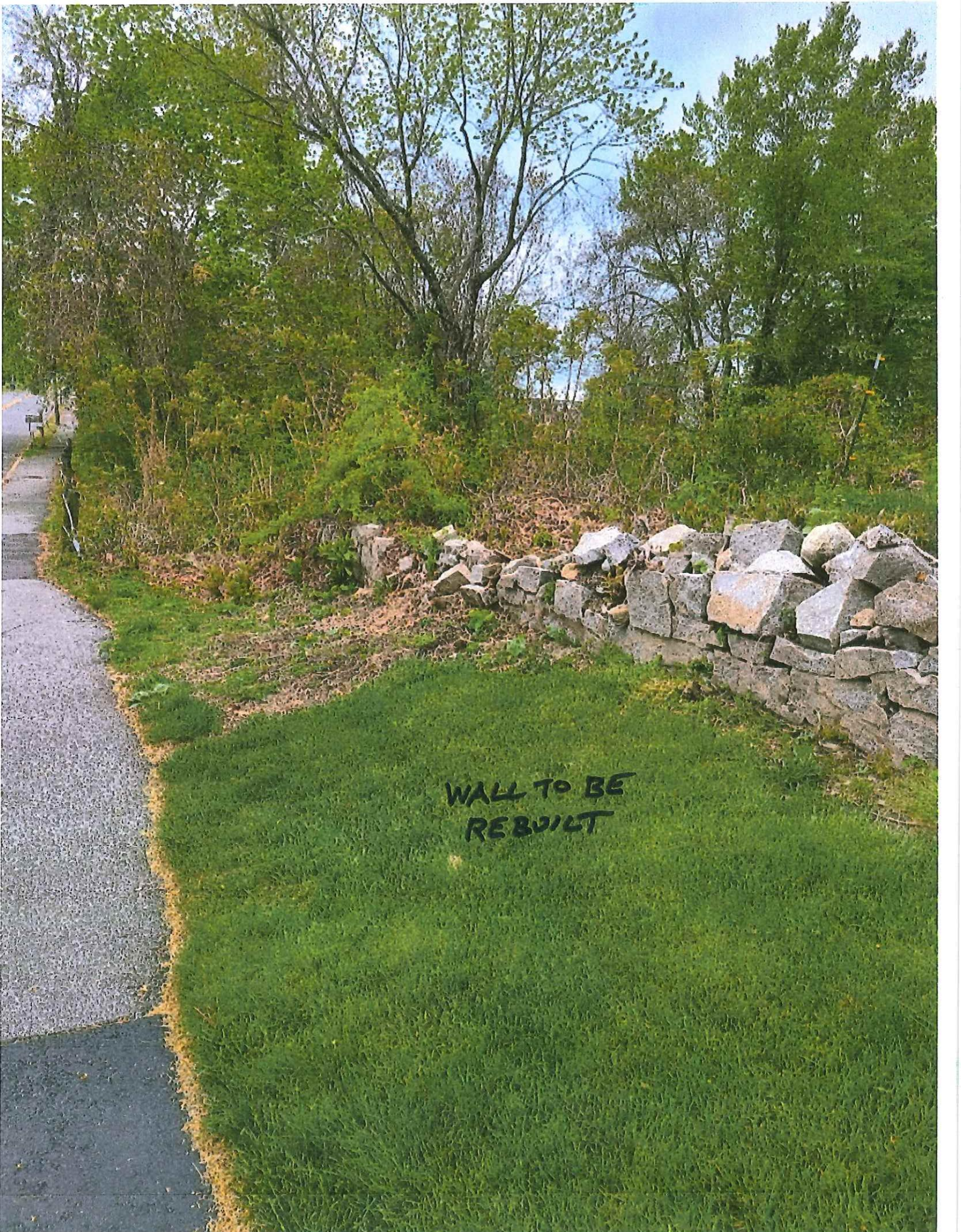


NORTHERN SLOPE
TO BE RECLAIMED





NORTHERN
SLOPE TO
BE RECLAIMED



WALL TO BE
REBUILT

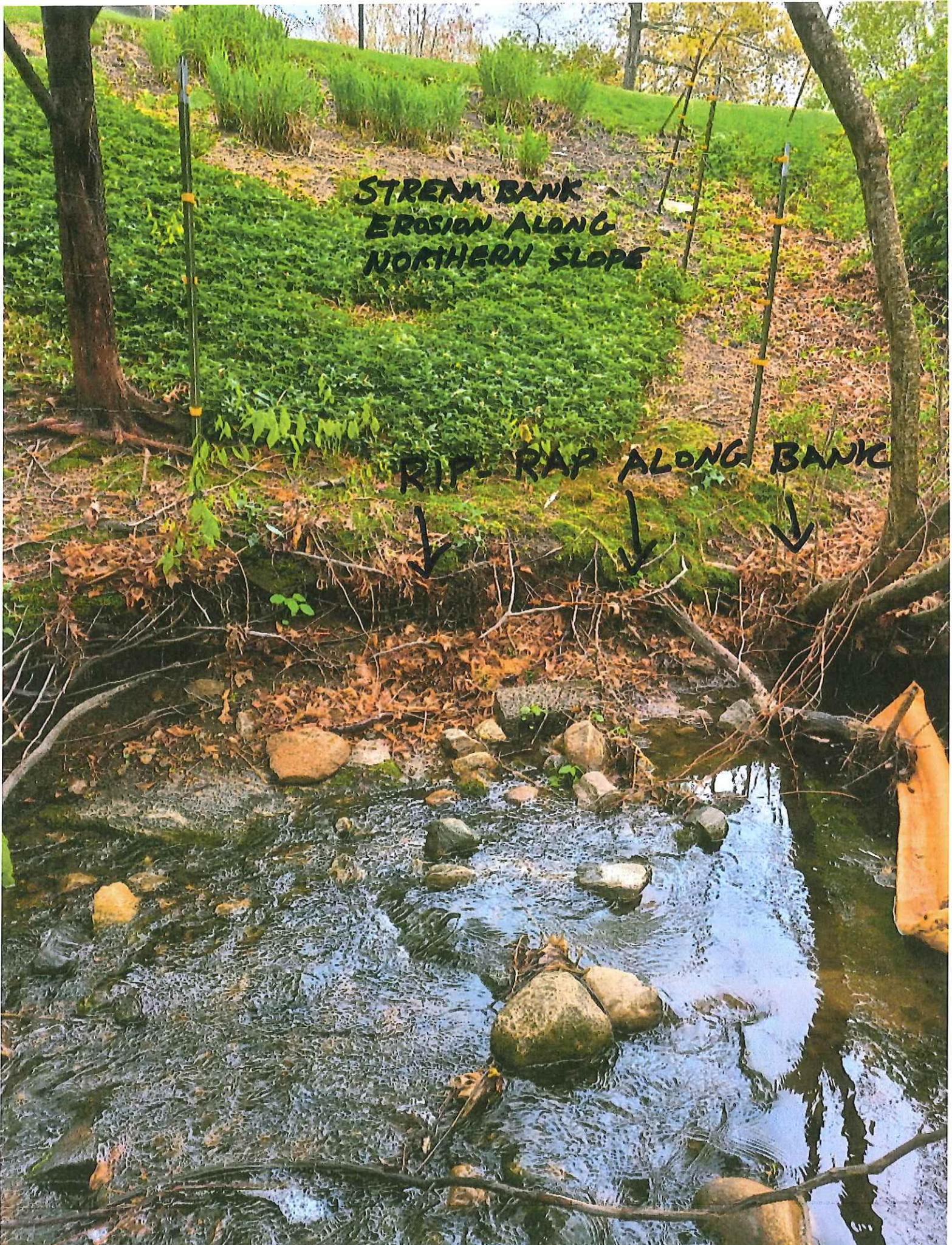
WETLAND FLAG WF-3
TO WF-6 AREA ON
NORTHERN SLOPE

RIP-RAP



STREAM BANK
EROSION ALONG
NORTHERN SLOPE

RIP-RAP ALONG BANK



NORTHERN
SLOPE TO
BE PLANTED

RIP-RAP

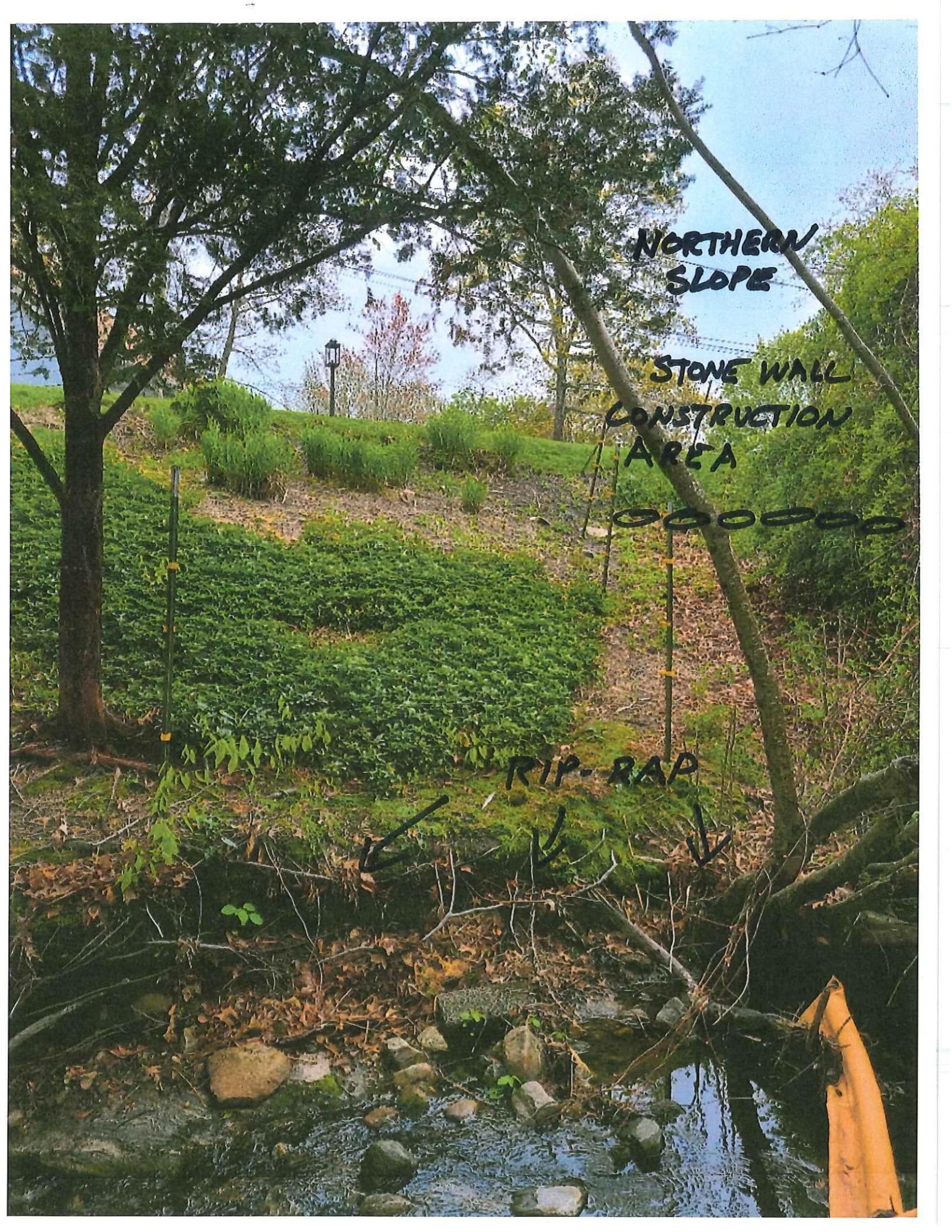


NORTHERN
SLOPE

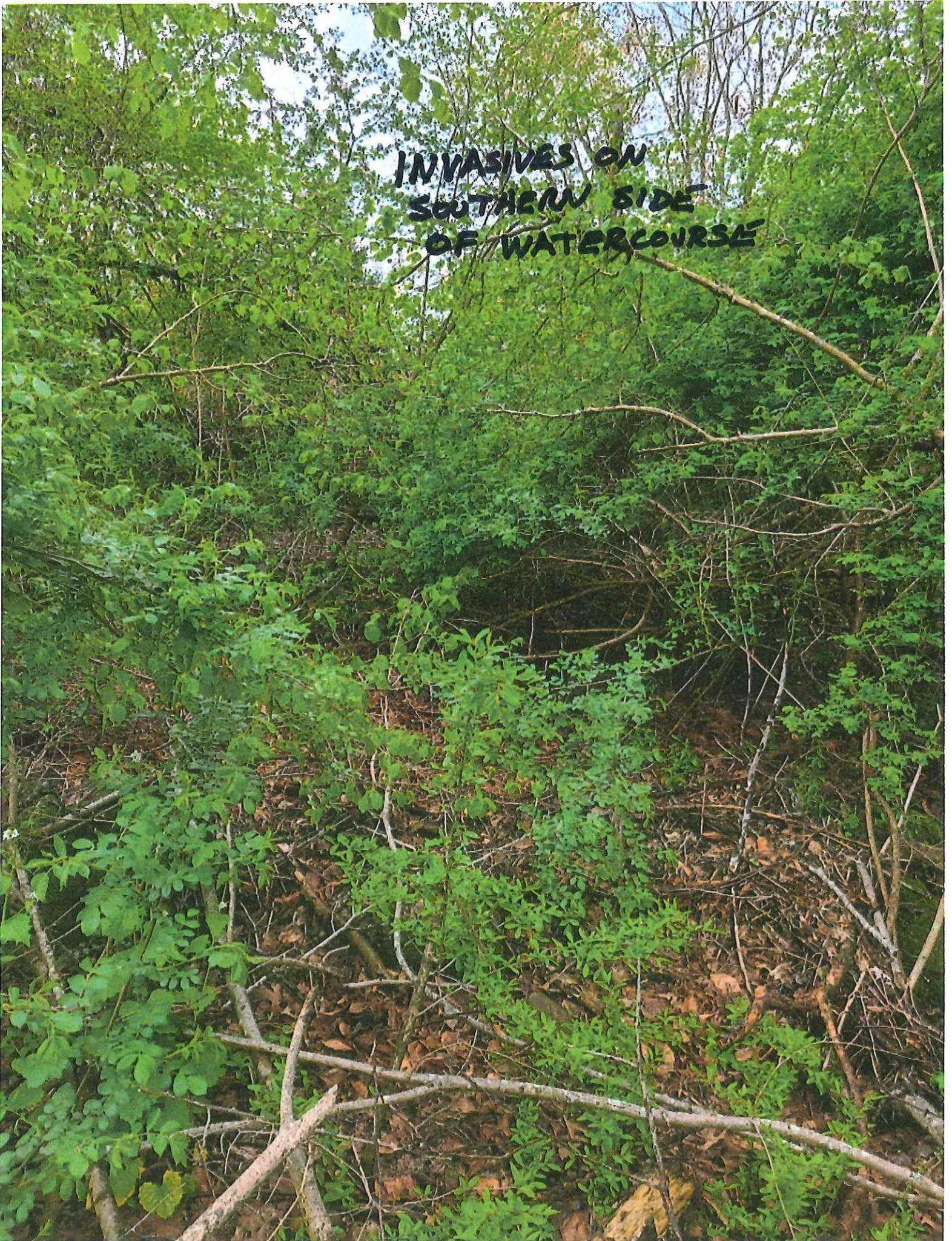
STONE WALL
CONSTRUCTION
AREA

oooooooooooo

RIP-RAP



INVASIVES ON
SOUTHERN SIDE
OF WATERCOURSE



A photograph of a dense thicket of trees and shrubs, likely an invasive species, with a title overlaid. The image shows a dense forest with many thin, vertical tree trunks and branches. The foliage is green, and the sky is visible through the canopy. The title is written in a stylized, hand-drawn font.

**INVASIVES ON
SOUTHERN SIDE
OF WATERCOURSE**

NOTES:

THIS PLAN AND THE SURVEY IT IS BASED ON HAVE BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300B MINIMUM STANDARDS OF ACCURACY, CONTENT AND CERTIFICATION FOR SURVEYS AND MAPS. THE TYPE OF SURVEY IS A COMPACTION PLAN, TOPOGRAPHIC CLASS T-0 AND THE VERTICAL ACCURACY. THIS IS NOT A PROPERTY SURVEY OR BOUNDARY SURVEY AND ANY PROPERTY LINES DEPICTED DO NOT REPRESENT A SURVEYOR'S PROPERTY/BOUNDARY OPINION.

NO DECLARATION IS EXPRESSED OR IMPLIED BY THIS MAP OR COPIES THEREOF UNLESS THE PRINT BEARS THE IMPRESSION TYPE SEAL AND ORIGINAL LIVE SIGNATURE OF THE SURVEYOR WHOSE NAME AND REGISTRATION NUMBER APPEAR BELOW OR THEREON.

JORDAN
COVE



N/F
STACY A QUINN &
PAMELA G QUINN
200 SHORE ROAD

LOT #1
40,300 SQ FT

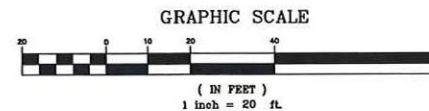
N/F
JOHN B LUCEY &
KIM C FRENZEL
198R SHORE ROAD

LOT #2
9,700 SQ FT

N/F
PAMELA W BERRY
194 SHORE ROAD



ON-SITE INLAND WETLANDS AREA= 4,200 SQUARE FEET
INLAND WETLANDS ACTIVITY= 1,060 SQUARE FEET
100' UPLAND REVIEW AREA ACTIVITY= 16,250 SQUARE FEET



TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

James Bernardo
JAMES BERNARDO LICENSE #70121 DATE 5-4-2021

JAMES BERNARDO
LAND SURVEYING, LLC
102A SPITHEAD ROAD
WATERFORD, CONNECTICUT 06385
(860) 447-0236
WWW.JBSURVEY.COM



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LT# DESCRIPTION DATE
REVISIONS

COMPILATION PLAN
PROPERTY OF
JOHN LOMBARDI, JR
FOR PROPERTY LOCATED AT
198 SHORE ROAD
TOWN OF WATERFORD - COUNTY OF NEW LONDON - CONNECTICUT

Sheet No.
S-01
SHEET 1 OF 1
Scale:
1" = 20'
Date
MARCH 17, 2021
Project No.
21002-WETLANDS

LEGEND	
THE FOLLOWING SYMBOLS/ABBREVIATIONS MAY APPEAR ON THIS DRAWING	
AC	ACRES
BF	BASEMENT FLOOR
BIT	BITUMINOUS
BCLC	BITUMINOUS CONCRETE LIP CURBING
CONC	CONCRETE
DIA	DIAMETER
DB	DISTRIBUTION BOX
EOP	EDGE OF PAVEMENT
ELEV	ELEVATION
FF	FINISHED FIRST FLOOR
LF	LINEAR FOOT
(MIN)	MINIMUM
M/L	MORE OR LESS
N/F	NOW OR FORMERLY
PVC	POLY VINYL CHLORIDE
SCH40	SCHEDULE 40
S.4x	SPOT ELEVATION
SF	SQUARE FEET
TR	TO REMAIN
HTB	HIGH TIDE BUSH
SP	SPARTINA PATENS
SA	SPARTINA ALTERNIFLORA
TBR	TO BE REMOVED
TYP	TYPICAL
P-S	SOIL PERC TEST LOCATION
THS	SOIL DEEP TEST LOCATION
WELL	WELL
HYDRANT	HYDRANT
TREE	TREE
BUILDING SETBACK LINE	BUILDING SETBACK LINE
CLEARING LIMIT LINE	CLEARING LIMIT LINE
EXISTING TREELINE	EXISTING TREELINE
EXISTING CONTOUR	EXISTING CONTOUR
NEW CONTOUR	NEW CONTOUR
SEGMENT FENCE	SEGMENT FENCE
STORM DRAIN PIPE	STORM DRAIN PIPE
STONE WALL	STONE WALL
S	SANITARY SEWER
W	WATER