

**Raymond Conservation Commission
Meeting Agenda**

May 8, 2024

7:00 PM

Media Center

Call to order

Public Input - 3 min./person, 15 min. total

Agenda Items

01-Officer elections

02-149 Lane Road Subdivision Map 19, Lots 3 & 5

03-Chadwick - Update

04-Jewett Warehouse - Conservation Language - update

Finance

05-Conservation Fund Statement (if available)

Approval of Minutes

06-April 24th, 2024

Correspondence

07-Water Monitoring Project - Lamprey River - UNH

08-NH Granit Conservation Land updates

09-Email from resident on allowed uses

10-Intent to Cut

11-Sargent Drive - NHDES Letter - intervention

12- NHDES Letter Gemini Valve

Other items that may come before the board

13- 2024 Project Plan -updated

Future Items/Events

May 17th - Site Walk - Sargent Drive

May 22nd - CC Meeting - Sargent Drive Cons Subdivision
Review

May 25 or May 26 - Chadwick Site Walk

Adjournment (no later than 9:00)

The public is encouraged and welcome to attend. Comments may also be submitted to conscomchair@raymondnh.gov

Supporting documents may be found at the Town of Raymond Website: [Conservation Commission supporting documents](#)

197 LANE ROAD CONSERVATION SUBDIVISION TAX MAP 19 LOT 3 & 5 197 LANE ROAD, RAYMOND, NH

SHEET INDEX

CS	COVER SHEET
C1-C1-1	EXISTING CONDITIONS PLAN
A1-A1-1	SUBDIVISION PLAN
Y1	YIELD PLAN
C2	SUBDIVISION SITE PLAN
C3	GRADING AND DRAINAGE PLAN
D1	DETAIL SHEET
E1-E2	EROSION CONTROL PLANS



ABUTTER MAP
SCALE 1" = 500'

PERMITS

<u>TYPE OF PERMIT</u>	<u>STATUS</u>
-----------------------	---------------

NHDES WETLAND PERMIT:
NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES- WETLANDS BUREAU
29 HAZEN DRIVE, P.O. BOX 95
CONCORD, NEW HAMPSHIRE 03302
(603) 271-2147
RESPONSIBLE CONSULTANT- JONES & BEACH ENGINEERS, INC.

SUBMITTED:
PERMIT NO.
DATED:
EXPIRATION:

USEPA NPDES PHASE II CONSTRUCTION GENERAL PERMIT, NOTICE OF INTENT (NOI), AND NOTICE OF TERMINATION (NOT) TO BE FILED IN ACCORDANCE WITH FEDERAL AND LOCAL REGULATIONS PRIOR TO AND FOLLOWING CONSTRUCTION:
EPA STORMWATER NOTICE PROCESSING CENTER
MAIL CODE 4203M,
US EPA
1200 PENNSYLVANIA AVENUE, NW
WASHINGTON, DC 20460
RESPONSIBLE CONSULTANT:
JONES & BEACH ENGINEERS, INC.

RAYMOND SUBDIVISION APPROVAL:
TOWN OF RAYMOND PLANNING BOARD
4 EPPING ROAD
RAYMOND, NEW HAMPSHIRE 03077
(603) 642-6400
RESPONSIBLE CONSULTANT:
JONES & BEACH ENGINEERS, INC.

SUBMITTED: 04/17/24
PERMIT NO.
DATED:
EXPIRATION:

GENERAL LEGEND

EXISTING	PROPOSED	DESCRIPTION
---	---	PROPERTY LINES
---	---	SETBACK LINES
---	---	CENTERLINE
---	---	FRESHWATER WETLANDS LINE
---	---	TREE LINE
---	---	STONEWALL
---	---	BARBED WIRE
---	---	FENCE
---	---	SOIL BOUNDARY
---	---	EASEMENT
---	---	MAJOR CONTOUR
---	---	MINOR CONTOUR
---	---	EDGE OF PAVEMENT
---	---	SILT FENCE
---	---	DRAINAGE LINE
---	---	UNDERGROUND ELECTRIC
---	---	GUARDRAIL
---	---	IRON PIPE/IRON ROD
---	---	DRILL HOLE
---	---	IRON ROD/DRILL HOLE
---	---	STONE/GRANITE BOUND
---	---	SPOT GRADE
---	---	PAVEMENT SPOT GRADE
---	---	BENCHMARK (TBM)
---	---	SINGLE POST SIGN
---	---	WELL
---	---	TEST PIT
---	---	TREES AND BUSHES
---	---	UTILITY POLE
---	---	SINGLE GRATE CATCH BASIN
---	---	4K SEPTIC AREA
---	---	RIPRAP
---	---	FRESHWATER WETLANDS
---	---	STABILIZED CONSTRUCTION ENTRANCE

CIVIL ENGINEER / SURVEYOR
JONES & BEACH ENGINEERS, INC.
85 PORTSMOUTH AVENUE
PO BOX 219
STRATHAM, NH 03885
(603) 772-4746
CONTACT: WAYNE MORRILL
EMAIL: WMORRILL@JONESANDBEACH.COM

ELECTRIC
EVERSOURCE
740 N COMMERCIAL ST
PO BOX 330
MANCHESTER, NH 03105-0330
(800) 662-7764

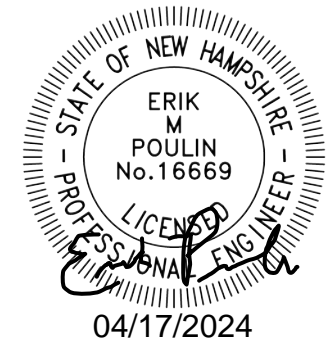
TELEPHONE
CONSOLIDATED COMMUNICATIONS
1575 GREENLAND ROAD
GREENLAND, NH 03840
(603) 427-5525
CONTACT: JOE CONSIDINE

OWNER OF RECORD
CYNTHIA C. NYE REVOCABLE TRUST
112 LANE ROAD, CANDIA, NH 03034
(603) 391-1547
CONTACT: DOUGLAS NYE

SOILS/WETLAND CONSULTANT
GOVE ENVIRONMENTAL SERVICES, INC.
8 CONTINENTAL DRIVE, UNIT H
EXETER, NH 03833
(603)-778-0644
CONTACT: JIM GOVE

PROJECT PARCEL TOWN OF RAYMOND TAX MAP 19, LOT 3 & 5	
OWNER OF RECORD CYNTHIA C. NYE REVOCABLE TRUST 112 LANE ROAD, CANDIA, NH 03034 BK 6382, PG 2154	
TOTAL LOT AREA	
LOT 3 140,162 SQ. FT. 3.22 ACRES	LOTS 2,345,567 SQ. FT. 53.85 ACRES

Design: WGM	Draft: GDR	Date: 5/26/23
Checked: WGM	Scale: AS NOTED	Project No.: 22031
Drawing Name: 22031-PLAN.dwg		
THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.		



REV.	DATE	REVISION	BY
1	04/17/24	ISSUED FOR REVIEW	EMP
0	10/06/23	ISSUED FOR DESIGN REVIEW	EMP

Designed and Produced in NH

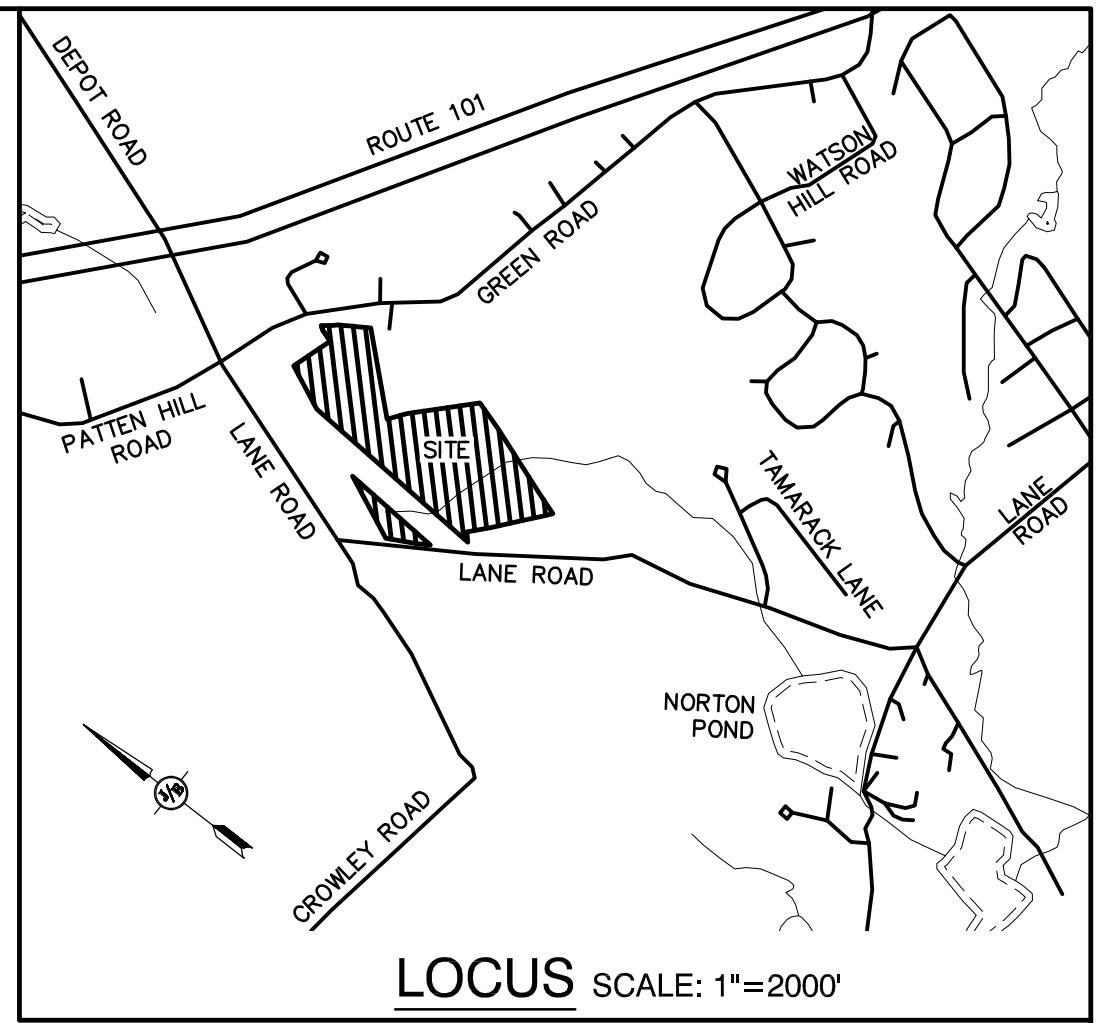
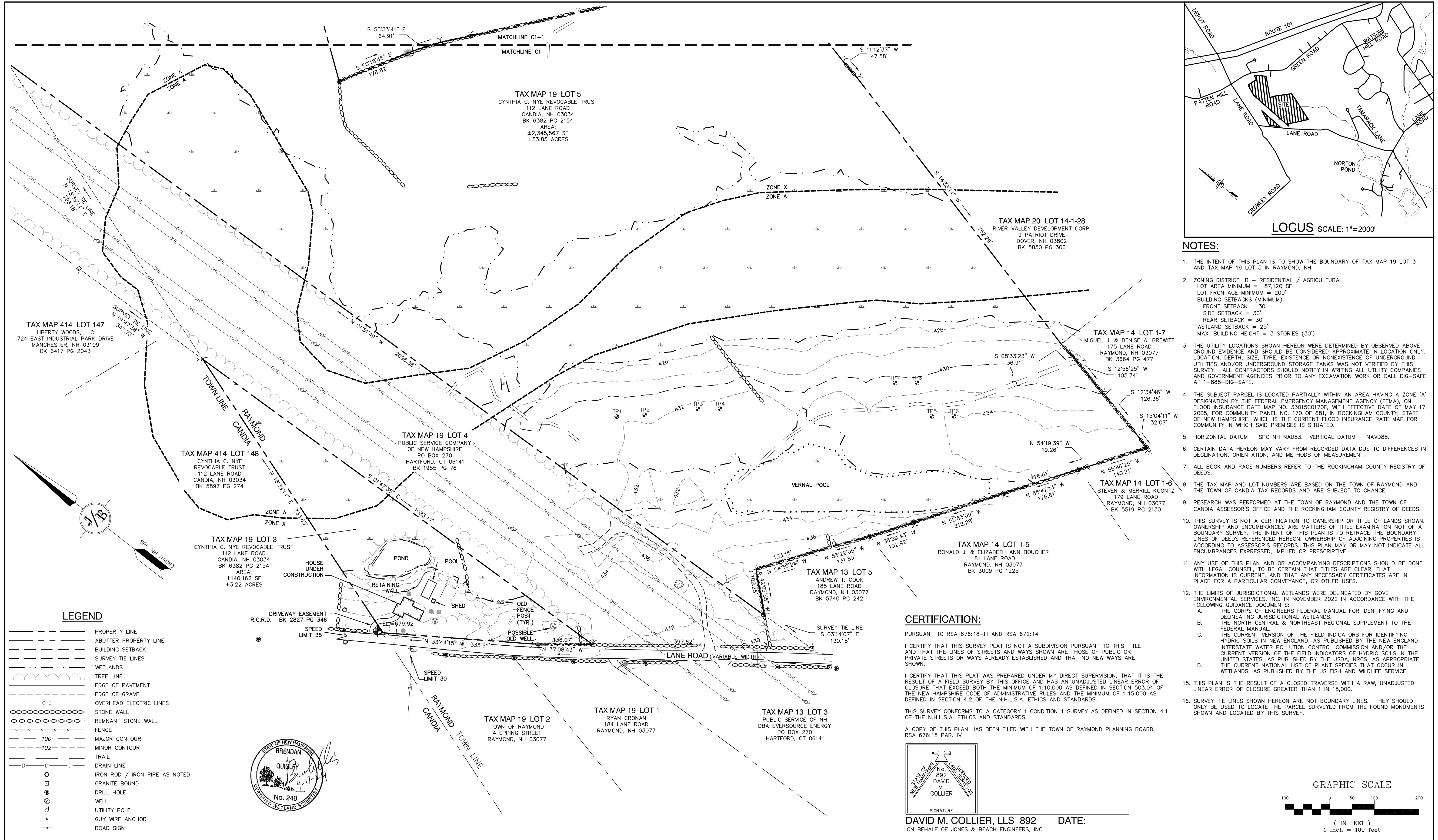
J/B Jones & Beach Engineers, Inc.

85 Portsmouth Ave. Civil Engineering Services 603-772-4746
PO Box 219 Stratham, NH 03885 FAX: 603-772-0227
E-MAIL: JBE@JONESANDBEACH.COM

Plan Name:	COVER SHEET
Project:	197 LANE ROAD CONSERVATION SUBDIVISION 197 LANE ROAD, RAYMOND, NH
Owner of Record:	CYNTHIA C. NYE REVOCABLE TRUST 112 LANE ROAD, CANDIA, NH 03034

DRAWING No.	CS
SHEET 1 OF 11 JBE PROJECT NO. 22031	

197 LANE ROAD CONSERVATION SUBDIVISION, RAYMOND, NH
JBE # 22031 REVISION 0: 10/06/23



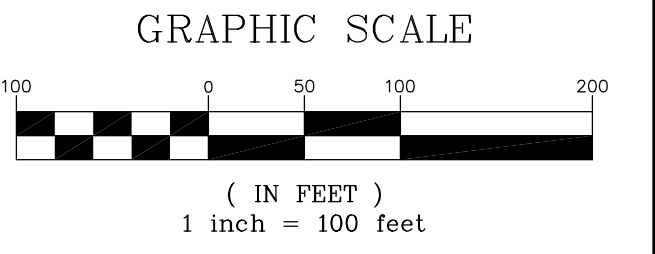
NOTES:

- THE INTENT OF THIS PLAN IS TO SHOW THE BOUNDARY OF TAX MAP 19 LOT 3 AND TAX MAP 19 LOT 5 IN RAYMOND, NH.
- ZONING DISTRICT: B - RESIDENTIAL / AGRICULTURAL
 LOT AREA MINIMUM = 87,120 SF
 LOT FRONTAGE MINIMUM = 200'
 BUILDING SETBACKS (MINIMUM):
 FRONT SETBACK = 30'
 SIDE SETBACK = 30'
 REAR SETBACK = 30'
 WETLAND SETBACK = 25'
 MAX. BUILDING HEIGHT = 3 STORIES (30')
- THE UTILITY LOCATIONS SHOWN HEREON WERE DETERMINED BY OBSERVED ABOVE GROUND EVIDENCE AND SHOULD BE CONSIDERED APPROXIMATE IN LOCATION ONLY. LOCATION, DEPTH, SIZE, TYPE, EXISTENCE OR NONEXISTENCE OF UNDERGROUND UTILITIES AND/OR UNDERGROUND STORAGE TANKS WAS NOT VERIFIED BY THIS SURVEY. ALL CONTRACTORS SHOULD NOTIFY IN WRITING ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO ANY EXCAVATION WORK OR CALL DIG-SAFE AT 1-888-DIG-SAFE.
- THE SUBJECT PARCEL IS LOCATED PARTIALLY WITHIN AN AREA HAVING A ZONE 'A' DESIGNATION BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), ON FLOOD INSURANCE RATE MAP NO. 33015C0170E, WITH EFFECTIVE DATE OF MAY 17, 2005, FOR COMMUNITY PANEL NO. 170 OF 681, IN ROCKINGHAM COUNTY, STATE OF NEW HAMPSHIRE, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR COMMUNITY IN WHICH SAID PREMISES IS SITUATED.
- HORIZONTAL DATUM - SPC NH NAD83. VERTICAL DATUM - NAVD88.
- CERTAIN DATA HEREON MAY VARY FROM RECORDED DATA DUE TO DIFFERENCES IN DECLINATION, ORIENTATION, AND METHODS OF MEASUREMENT.
- ALL BOOK AND PAGE NUMBERS REFER TO THE ROCKINGHAM COUNTY REGISTRY OF DEEDS.
- THE TAX MAP AND LOT NUMBERS ARE BASED ON THE TOWN OF RAYMOND AND THE TOWN OF CANDIA TAX RECORDS AND ARE SUBJECT TO CHANGE.
- RESEARCH WAS PERFORMED AT THE TOWN OF RAYMOND AND THE TOWN OF CANDIA ASSESSOR'S OFFICE AND THE ROCKINGHAM COUNTY REGISTRY OF DEEDS.
- THIS SURVEY IS NOT A CERTIFICATION TO OWNERSHIP OR TITLE OF LANDS SHOWN. OWNERSHIP AND ENCUMBRANCES ARE MATTERS OF TITLE EXAMINATION NOT OF A BOUNDARY SURVEY. THE INTENT OF THIS PLAN IS TO RETRACE THE BOUNDARY LINES OF DEEDS REFERENCED HEREON. OWNERSHIP OF ADJOINING PROPERTIES IS ACCORDING TO ASSESSOR'S RECORDS. THIS PLAN MAY OR MAY NOT INDICATE ALL ENCUMBRANCES EXPRESSED, IMPLIED OR PRESCRIPTIVE.
- ANY USE OF THIS PLAN AND OR ACCOMPANYING DESCRIPTIONS SHOULD BE DONE WITH LEGAL COUNSEL TO BE CERTAIN THAT TITLES ARE CLEAR, THAT INFORMATION IS CURRENT, AND THAT ANY NECESSARY CERTIFICATES ARE IN PLACE FOR A PARTICULAR CONVEYANCE, OR OTHER USES.
- THE LIMITS OF JURISDICTIONAL WETLANDS WERE DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC. IN NOVEMBER 2022 IN ACCORDANCE WITH THE FOLLOWING GUIDANCE DOCUMENTS:
 A. THE CORPUS OF ENGINEERS FEDERAL MANUAL FOR IDENTIFYING AND DELINEATING JURISDICTIONAL WETLANDS.
 B. THE NORTH CENTRAL & NORTHEAST REGIONAL SUPPLEMENT TO THE FEDERAL MANUAL.
 C. THE CURRENT VERSION OF THE FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, AS PUBLISHED BY THE NEW ENGLAND INTERSTATE WATER POLLUTION CONTROL COMMISSION AND/OR THE CURRENT VERSION OF THE FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, AS PUBLISHED BY THE USDA, NRCS, AS APPROPRIATE.
 D. THE CURRENT NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS, AS PUBLISHED BY THE US FISH AND WILDLIFE SERVICE.
- THIS PLAN IS THE RESULT OF A CLOSED TRAVERSE WITH A RAW, UNADJUSTED LINEAR ERROR OF CLOSURE GREATER THAN 1 IN 15,000.
- SURVEY TIE LINES SHOWN HEREON ARE NOT BOUNDARY LINES. THEY SHOULD ONLY BE USED TO LOCATE THE PARCEL SURVEYED FROM THE FOUND MONUMENTS SHOWN AND LOCATED BY THIS SURVEY.

CERTIFICATION:

PURSUANT TO RSA 676:18-III AND RSA 672:14
 I CERTIFY THAT THIS SURVEY PLAT IS NOT A SUBDIVISION PURSUANT TO THIS TITLE AND THAT THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW WAYS ARE SHOWN.
 I CERTIFY THAT THIS PLAT WAS PREPARED UNDER MY DIRECT SUPERVISION, THAT IT IS THE RESULT OF A FIELD SURVEY BY THIS OFFICE AND HAS AN UNADJUSTED LINEAR ERROR OF CLOSURE THAT EXCEEDS BOTH THE MINIMUM OF 1:10,000 AS DEFINED IN SECTION 503.04 OF THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES AND THE MINIMUM OF 1:15,000 AS DEFINED IN SECTION 4.2 OF THE N.H.L.S.A. ETHICS AND STANDARDS.
 THIS SURVEY CONFORMS TO A CATEGORY 1 CONDITION 1 SURVEY AS DEFINED IN SECTION 4.1 OF THE N.H.L.S.A. ETHICS AND STANDARDS.
 A COPY OF THIS PLAN HAS BEEN FILED WITH THE TOWN OF RAYMOND PLANNING BOARD RSA 676:18 PAR. IV

DAVID M. COLLIER, LLS 892
 ON BEHALF OF JONES & BEACH ENGINEERS, INC.



LEGEND

---	PROPERTY LINE
- - -	ABUTTER PROPERTY LINE
- - -	BUILDING SETBACK
- - -	SURVEY TIE LINES
~~~~~	WETLANDS
---	TREE LINE
---	EDGE OF PAVEMENT
---	EDGE OF GRAVEL
---	OVERHEAD ELECTRIC LINES
---	STONE WALL
---	REMNANT STONE WALL
---	FENCE
---	MAJOR CONTOUR
---	MINOR CONTOUR
---	TRAIL
---	DRAIN LINE
○	IRON ROD / IRON PIPE AS NOTED
□	GRANITE BOUND
●	DRILL HOLE
○	WELL
○	UTILITY POLE
○	GUY WIRE ANCHOR
---	ROAD SIGN



Design: DMC	Draft: EAK	Date: 12/14/22
Checked: DMC	Scale: AS-SHOWN	Project No.: 22031
Drawing Name: 22031-EX-CONDITIONS.dwg		
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REV.	DATE	REVISION	BY
1	04/17/24	ISSUED FOR REVIEW	EMP
0	10/06/23	ISSUED FOR DESIGN REVIEW	DMC
REV.	DATE	REVISION	BY

Designed and Produced in NH

**J/B Jones & Beach Engineers, Inc.**

85 Portsmouth Ave. Stratham, NH 03885

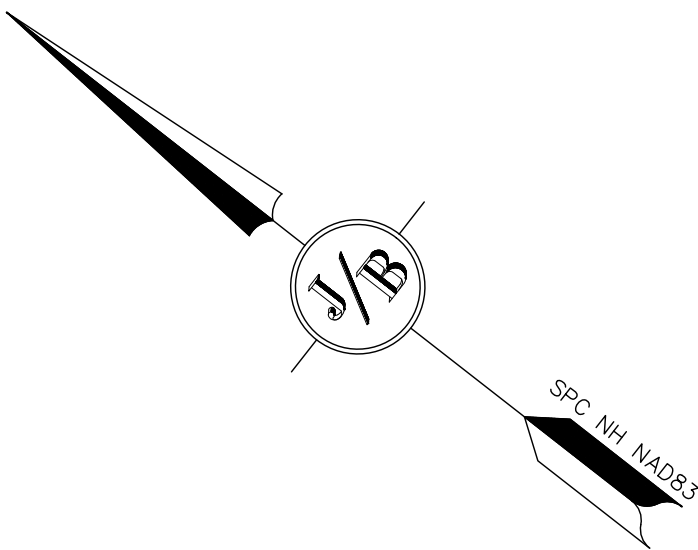
Civil Engineering Services

603-772-4746  
 FAX: 603-772-0227  
 E-MAIL: JBE@JONESANDBEACH.COM

Plan Name:	<b>BOUNDARY PLAN</b>
Project:	<b>TAX MAP 19 LOTS 3 &amp; 5</b> <b>197 LANE ROAD, RAYMOND, NH</b>
Owner of Record:	<b>CYNTHIA C. NYE REVOCABLE TRUST</b> <b>112 LANE ROAD, CANDIA, NH 03034</b>

DRAWING No.	<b>C1</b>
SHEET 2 OF 11	
JBE PROJECT NO. 22031	





**CERTIFICATION:**

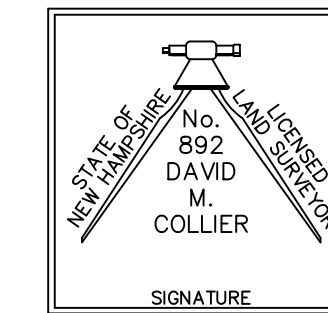
PURSUANT TO RSA 676:18-III AND RSA 672:14

I CERTIFY THAT THIS SURVEY PLAT IS NOT A SUBDIVISION PURSUANT TO THIS TITLE AND THAT THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW WAYS ARE SHOWN.

I CERTIFY THAT THIS PLAT WAS PREPARED UNDER MY DIRECT SUPERVISION, THAT IT IS THE RESULT OF A FIELD SURVEY BY THIS OFFICE AND HAS AN UNADJUSTED LINEAR ERROR OF CLOSURE THAT EXCEEDS BOTH THE MINIMUM OF 1:10,000 AS DEFINED IN SECTION 503.04 OF THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES AND THE MINIMUM OF 1:15,000 AS DEFINED IN SECTION 4.2 OF THE N.H.L.S.A. ETHICS AND STANDARDS.

THIS SURVEY CONFORMS TO A CATEGORY 1 CONDITION 1 SURVEY AS DEFINED IN SECTION 4.1 OF THE N.H.L.S.A. ETHICS AND STANDARDS.

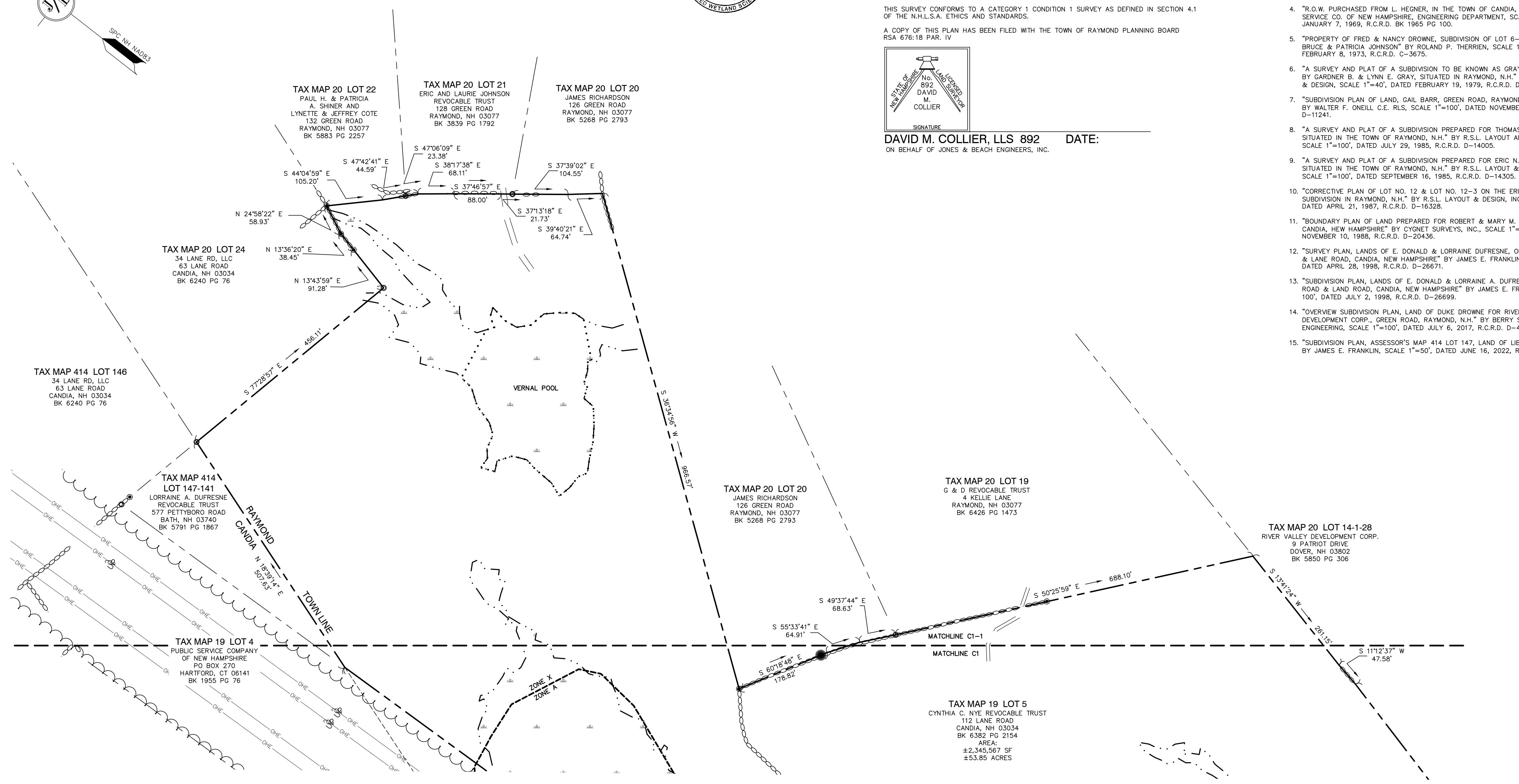
A COPY OF THIS PLAN HAS BEEN FILED WITH THE TOWN OF RAYMOND PLANNING BOARD RSA 676:18 PAR. IV



**DAVID M. COLLIER, LLS 892** DATE: _____  
ON BEHALF OF JONES & BEACH ENGINEERS, INC.

**PLAN REFERENCES:**

- "LAND PURCHASED FROM M. NOONAN, IN THE TOWN OF CANDIA, N.H." PUBLIC SERVICE CO. OF NEW HAMPSHIRE, ENGINEERING DEPARTMENT, SCALE 1"=100', DATED DECEMBER 18, 1967, R.C.R.D. BK 1955 PG 75.
- "LAND PURCHASED FROM E.L.&A. CASTLE, IN THE TOWN OF RAYMOND, N.H." PUBLIC SERVICE CO. OF NEW HAMPSHIRE, ENGINEERING DEPARTMENT, SCALE 1"=200', DATED MARCH 25, 1968, R.C.R.D. BK 1955 PG 100.
- "LAND PURCHASED FROM E G HOVNANIAN, IN THE TOWN OF RAYMOND & CANDIA, N.H." PUBLIC SERVICE CO. OF NEW HAMPSHIRE, ENGINEERING DEPARTMENT, SCALE 1"=400', DATED SEPTEMBER 11, 1968, R.C.R.D. BK 1955 PG 78.
- "R.O.W. PURCHASED FROM L. HEGNER, IN THE TOWN OF CANDIA, N.H." PUBLIC SERVICE CO. OF NEW HAMPSHIRE, ENGINEERING DEPARTMENT, SCALE 1"=100', DATED JANUARY 7, 1969, R.C.R.D. BK 1955 PG 100.
- "PROPERTY OF FRED & NANCY DROWNE, SUBDIVISION OF LOT 6-B, 47, 110, & FOR BRUCE & PATRICIA JOHNSON" BY ROLAND P. THERRIEN, SCALE 1"=20', DATED FEBRUARY 8, 1973, R.C.R.D. C-3675.
- "A SURVEY AND PLAT OF A SUBDIVISION TO BE KNOWN AS GRAY ESTATES, OWNED BY GARDNER B. & LYNN E. GRAY, SITUATED IN RAYMOND, N.H." BY R.S.L. LAYOUT & DESIGN, SCALE 1"=40', DATED FEBRUARY 19, 1979, R.C.R.D. D-8664.
- "SUBDIVISION PLAN OF LAND, GAIL BARR, GREEN ROAD, RAYMOND, NEW HAMPSHIRE" BY WALTER F. ONEILL C.E. RLS, SCALE 1"=100', DATED NOVEMBER 1982, R.C.R.D. D-11241.
- "A SURVEY AND PLAT OF A SUBDIVISION PREPARED FOR THOMAS CASTLE AND SITUATED IN THE TOWN OF RAYMOND, N.H." BY R.S.L. LAYOUT AND DESIGN, INC., SCALE 1"=100', DATED JULY 29, 1985, R.C.R.D. D-14005.
- "A SURVEY AND PLAT OF A SUBDIVISION PREPARED FOR ERIC N. JOHNSON, SITUATED IN THE TOWN OF RAYMOND, N.H." BY R.S.L. LAYOUT & DESIGN, INC., SCALE 1"=100', DATED SEPTEMBER 16, 1985, R.C.R.D. D-14305.
- "CORRECTIVE PLAN OF LOT NO. 12 & LOT NO. 12-3 ON THE ERIC N. JOHNSON SUBDIVISION IN RAYMOND, N.H." BY R.S.L. LAYOUT & DESIGN, INC., SCALE 1"=50', DATED APRIL 21, 1987, R.C.R.D. D-16328.
- "BOUNDARY PLAN OF LAND PREPARED FOR ROBERT & MARY M. VETROMILE, CANDIA, HEW HAMPSHIRE" BY CYGNET SURVEYS, INC., SCALE 1"=50', DATED NOVEMBER 10, 1988, R.C.R.D. D-20436.
- "SURVEY PLAN, LANDS OF E. DONALD & LORRAINE DUFRESNE, ON CROWLEY ROAD & LANE ROAD, CANDIA, NEW HAMPSHIRE" BY JAMES E. FRANKLIN, SCALE 1"=200', DATED APRIL 28, 1998, R.C.R.D. D-26671.
- "SUBDIVISION PLAN, LANDS OF E. DONALD & LORRAINE A. DUFRESNE, ON CROWLEY ROAD & LAND ROAD, CANDIA, NEW HAMPSHIRE" BY JAMES E. FRANKLIN, SCALE 1"=100', DATED JULY 2, 1998, R.C.R.D. D-26699.
- "OVERVIEW SUBDIVISION PLAN, LAND OF DUKE DROWNE FOR RIVER VALLEY DEVELOPMENT CORP., GREEN ROAD, RAYMOND, N.H." BY BERRY SURVEYING & ENGINEERING, SCALE 1"=100', DATED JULY 6, 2017, R.C.R.D. D-40496.
- "SUBDIVISION PLAN, ASSESSOR'S MAP 414 LOT 147, LAND OF LIBERTY WOODS, LLC" BY JAMES E. FRANKLIN, SCALE 1"=50', DATED JUNE 16, 2022, R.C.R.D. D-43489.



GRAPHIC SCALE



( IN FEET )  
1 inch = 100 feet

Design: DMC	Draft: EAK	Date: 12/14/22
Checked: DMC	Scale: AS-SHOWN	Project No.: 22031
Drawing Name: 22031-EX-CONDITIONS.dwg		
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Designed and Produced in NH

**J/B Jones & Beach Engineers, Inc.**

85 Portsmouth Ave. Civil Engineering Services 603-772-4746  
PO Box 219 Stratham, NH 03885 FAX: 603-772-0227  
E-MAIL: JBE@JONESANDBEACH.COM

Plan Name:	<b>EXISTING CONDITIONS PLAN</b>
Project:	<b>TAX MAP 19 LOTS 3 &amp; 5 197 LANE ROAD, RAYMOND, NH</b>
Owner of Record:	<b>CYNTHIA C. NYE REVOCABLE TRUST 112 LANE ROAD, CANDIA, NH 03034</b>

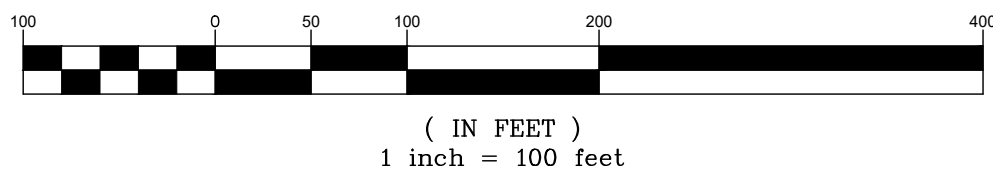
DRAWING No.

**C1-1**

SHEET 3 OF 11  
JBE PROJECT NO. 22031



GRAPHIC SCALE



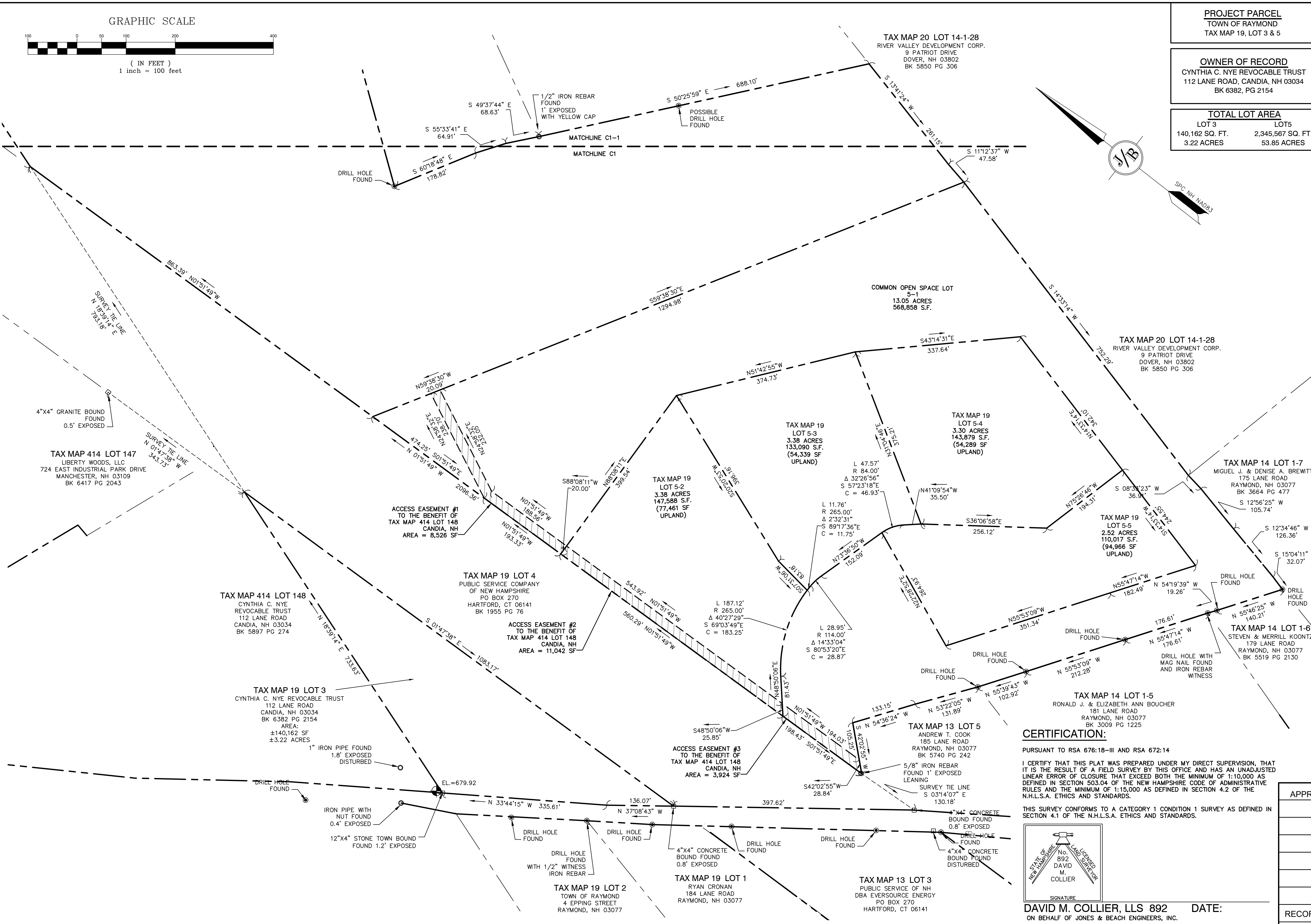
<b>PROJECT PARCEL</b> TOWN OF RAYMOND TAX MAP 19, LOT 3 & 5	
<b>OWNER OF RECORD</b> CYNTHIA C. NYE REVOCABLE TRUST 112 LANE ROAD, CANDIA, NH 03034 BK 6382, PG 2154	
<b>TOTAL LOT AREA</b>	
LOT 3 140,162 SQ. FT. 3.22 ACRES	LOT 5 2,345,567 SQ. FT. 53.85 ACRES



LOCUS SCALE: 1"=1000'

**SUBDIVISION NOTES:**

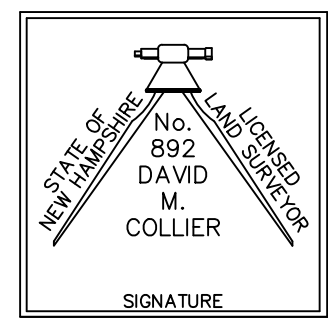
1. THE INTENT OF THIS PLAN IS TO SHOW THE BOUNDARY AND CONSERVATION SUBDIVISION OF RAYMOND TAX MAP 19 LOT 3 & 5.
2. ZONING DISTRICT: B- RESIDENTIAL  
WETLAND SETBACK = 75'  
CONSERVATION SUBDIVISION REQUIREMENT:  
OPEN SPACE REQUIREMENT = 50% REQUIRED  
MIN. CONTIGUOUS OPEN SPACE = 75%  
MIN. PARENT LOT SIZE = 10 ACRES  
MIN. BUILDING SEPARATION = 35'  
PARENT LOT BOUNDARY BUFFER = 20'  
PARENT LOT BOUNDARY SETBACK = 50'  
DWELLINGS PER DRIVEWAY ALLOWED: 4 DWELLINGS
3. THE SUBJECT PARCEL IS NOT LOCATED WITHIN AN AREA HAVING A SPECIAL FLOOD HAZARD ZONE DESIGNATION BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), ON FLOOD INSURANCE RATE MAP NO. 33015C0170E, WITH EFFECTIVE DATE OF MAY 17, 2005.
4. BASIS OF BEARING: HORIZONTAL - SPC NH NAD83.  
VERTICAL - NAVD83.
5. CERTAIN DATA HEREON MAY VARY FROM RECORDED DATA DUE TO DIFFERENCES IN DECLINATION, ORIENTATION, AND METHODS OF MEASUREMENT.
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9. THIS SURVEY IS NOT A CERTIFICATION TO OWNERSHIP OR TITLE OF LANDS SHOWN. OWNERSHIP AND ENCUMBRANCES ARE MATTERS OF TITLE EXAMINATION NOT OF A BOUNDARY SURVEY. THE INTENT OF THIS PLAN IS TO TRACE THE BOUNDARY LINES OF DEEDS REFERENCED HEREON. OWNERSHIP OF ADJOINING PROPERTIES IS ACCORDING TO ASSESSOR'S RECORDS. THIS PLAN MAY OR MAY NOT INDICATE ALL ENCUMBRANCES EXPRESSED, IMPLIED OR PRESCRIPTIVE.
10. ANY USE OF THIS PLAN AND OR ACCOMPANYING DESCRIPTIONS SHOULD BE DONE WITH LEGAL COUNSEL, TO BE CERTAIN THAT TITLES ARE CLEAR, THAT INFORMATION IS CURRENT, AND THAT ANY NECESSARY CERTIFICATES ARE IN PLACE FOR A PARTICULAR CONVEYANCE, OR OTHER USES.
11. THIS PLAN IS THE RESULT OF A CLOSED TRAVERSE WITH A RAW, UNADJUSTED LINEAR ERROR OF CLOSURE GREATER THAN 1 IN 15,000.
12. SURVEY TIE LINES SHOWN HEREON ARE NOT BOUNDARY LINES. THEY SHOULD ONLY BE USED TO LOCATE THE PARCEL SURVEYED FROM THE FOUND MONUMENTS SHOWN AND LOCATED BY THIS SURVEY.
13. THE SUBDIVISION REGULATIONS OF THE TOWN OF RAYMOND ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SUBDIVISION REGULATIONS EXCEPTING ONLY ANY WAIVERS OR MODIFICATIONS MADE IN WRITING BY THE BOARD AND WRITTEN ON THE MYLAR.



**CERTIFICATION:**

PURSUANT TO RSA 676:18-III AND RSA 672:14  
I CERTIFY THAT THIS PLAT WAS PREPARED UNDER MY DIRECT SUPERVISION, THAT IT IS THE RESULT OF A FIELD SURVEY BY THIS OFFICE AND HAS AN UNADJUSTED LINEAR ERROR OF CLOSURE THAT EXCEED BOTH THE MINIMUM OF 1:10,000 AS DEFINED IN SECTION 503.04 OF THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES AND THE MINIMUM OF 1:15,000 AS DEFINED IN SECTION 4.2 OF THE N.H.L.S.A. ETHICS AND STANDARDS.

THIS SURVEY CONFORMS TO A CATEGORY 1 CONDITION 1 SURVEY AS DEFINED IN SECTION 4.1 OF THE N.H.L.S.A. ETHICS AND STANDARDS.



DAVID M. COLLIER, LLS 892 DATE:  
ON BEHALF OF JONES & BEACH ENGINEERS, INC.

APPROVED BY THE RAYMOND PLANNING BOARD	DATE:
CHAIRMAN	
RECORDING AGENT:	

Design: WGM	Draft: GDR	Date: 5/26/23
Checked: WGM	Scale: 1"=100'	Project No.: 22031
Drawing Name: 22031-PLAN.dwg		
THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.		

REV.	DATE	REVISION	BY
1	04/17/24	ISSUED FOR REVIEW	EMP
0	10/06/23	ISSUED FOR DESIGN REVIEW	EMP

Designed and Produced in NH

**J/B Jones & Beach Engineers, Inc.**

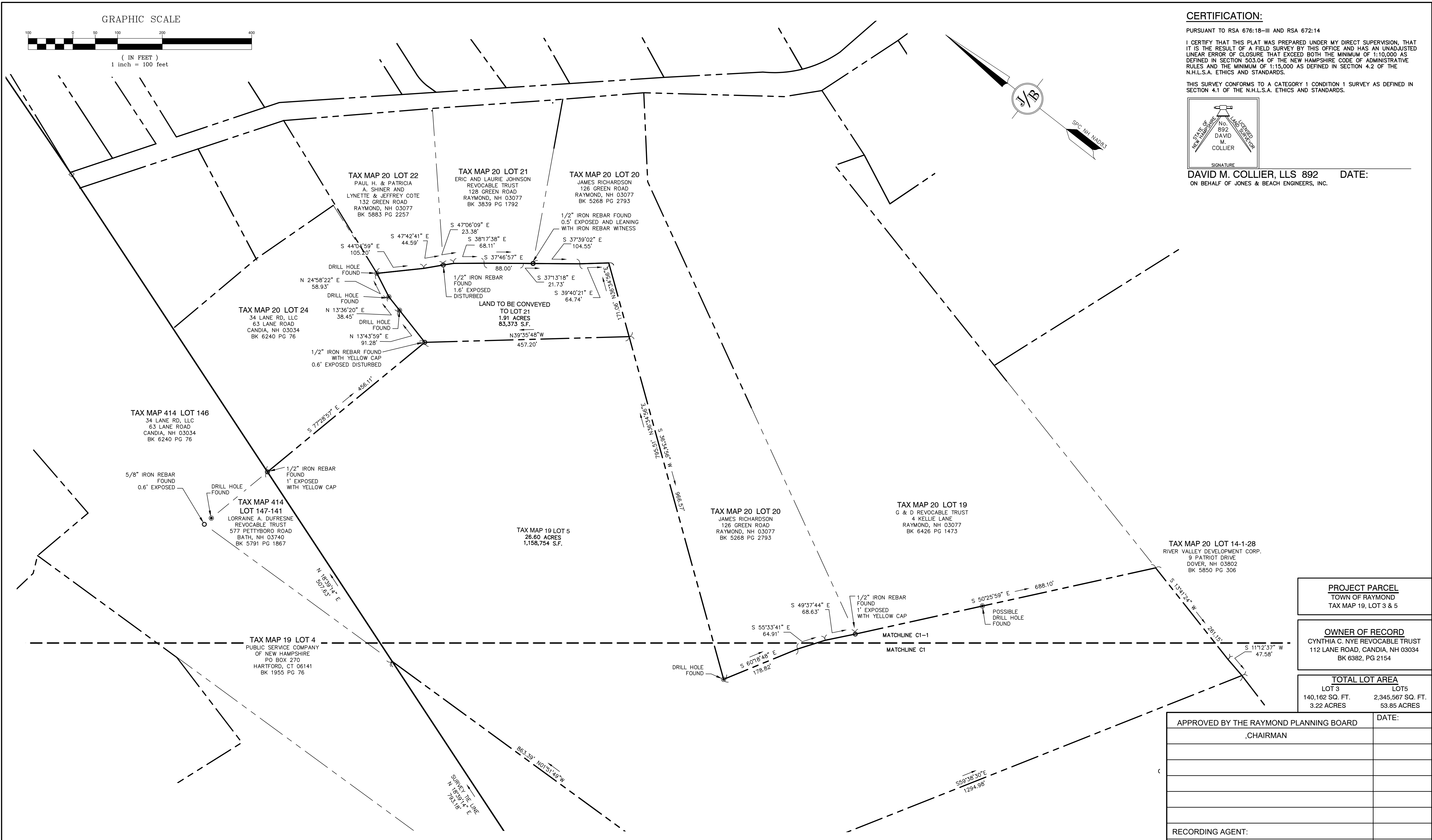
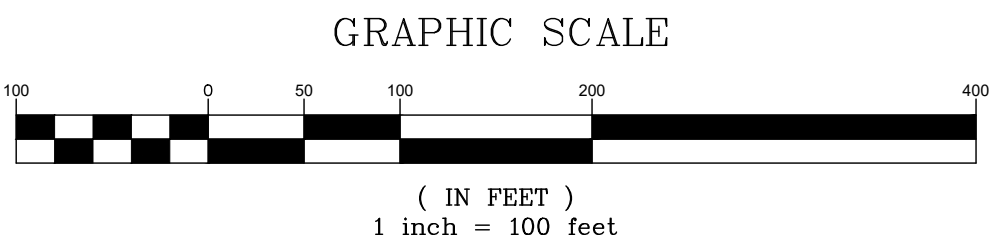
85 Portsmouth Ave. Civil Engineering Services 603-772-4746  
PO Box 219 Stratham, NH 03885 FAX: 603-772-0227  
E-MAIL: JBE@JONESANDBEACH.COM

Plan Name:	<b>SUBDIVISION PLAN</b>
Project:	197 LANE ROAD CONSERVATION SUBDIVISION 197 LANE ROAD, RAYMOND, NH
Owner of Record:	CYNTHIA C. NYE REVOCABLE TRUST 112 LANE ROAD, CANDIA, NH 03034

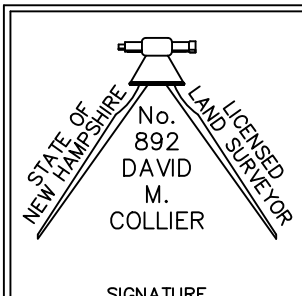
DRAWING No.

**A1**

SHEET 4 OF 11  
JBE PROJECT NO. 22031



**CERTIFICATION:**  
PURSUANT TO RSA 676:18-III AND RSA 672:14 I CERTIFY THAT THIS PLAT WAS PREPARED UNDER MY DIRECT SUPERVISION, THAT IT IS THE RESULT OF A FIELD SURVEY BY THIS OFFICE AND HAS AN UNADJUSTED LINEAR ERROR OF CLOSURE THAT EXCEEDS BOTH THE MINIMUM OF 1:10,000 AS DEFINED IN SECTION 503.04 OF THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES AND THE MINIMUM OF 1:15,000 AS DEFINED IN SECTION 4.2 OF THE N.H.L.S.A. ETHICS AND STANDARDS.  
THIS SURVEY CONFORMS TO A CATEGORY 1 CONDITION 1 SURVEY AS DEFINED IN SECTION 4.1 OF THE N.H.L.S.A. ETHICS AND STANDARDS.



DAVID M. COLLIER, LLS 892 DATE:  
ON BEHALF OF JONES & BEACH ENGINEERS, INC.

**PROJECT PARCEL**  
TOWN OF RAYMOND  
TAX MAP 19, LOT 3 & 5

**OWNER OF RECORD**  
CYNTHIA C. NYE REVOCABLE TRUST  
112 LANE ROAD, CANDIA, NH 03034  
BK 6382, PG 2154

**TOTAL LOT AREA**  
LOT 3      LOTS  
140,162 SQ. FT.    2,345,567 SQ. FT.  
3.22 ACRES      53.85 ACRES

APPROVED BY THE RAYMOND PLANNING BOARD	DATE:
RECORDING AGENT:	

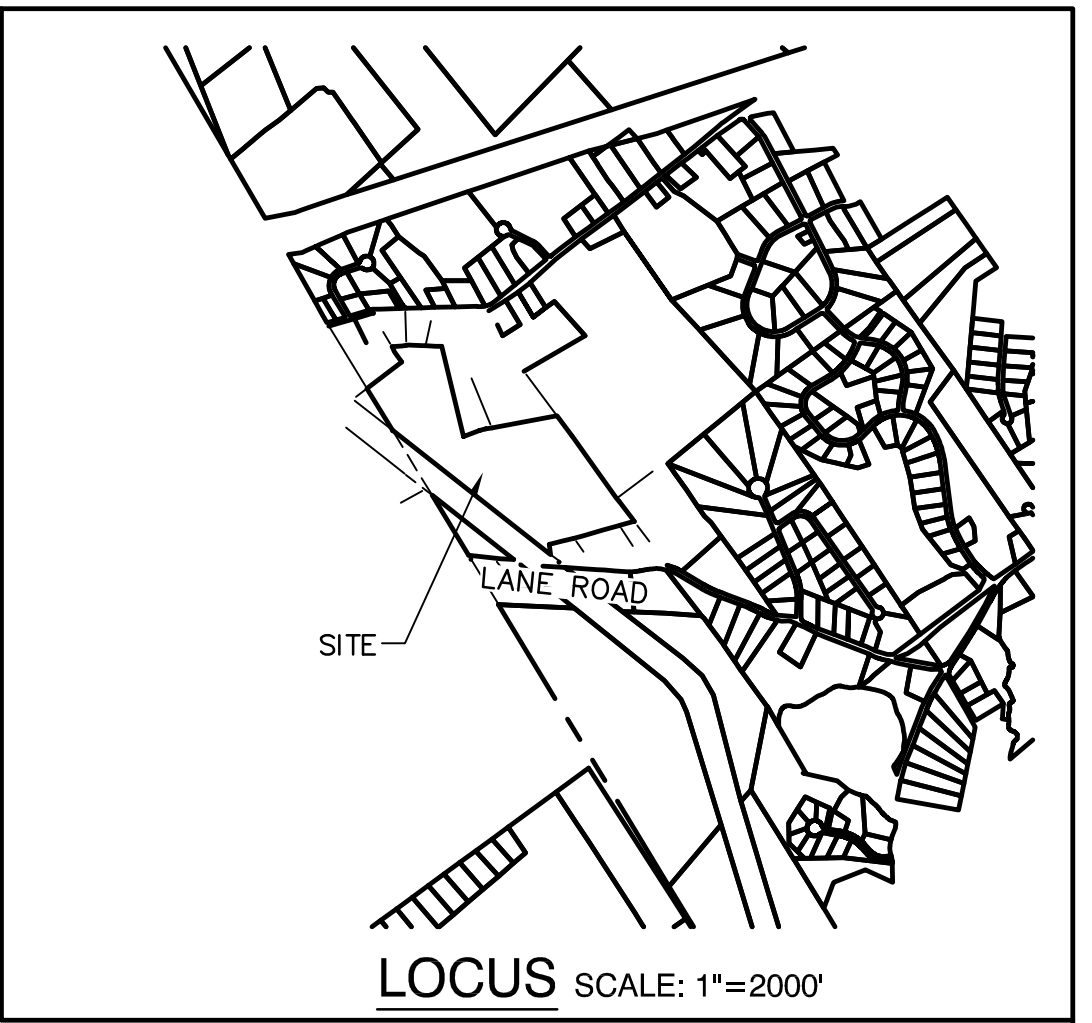
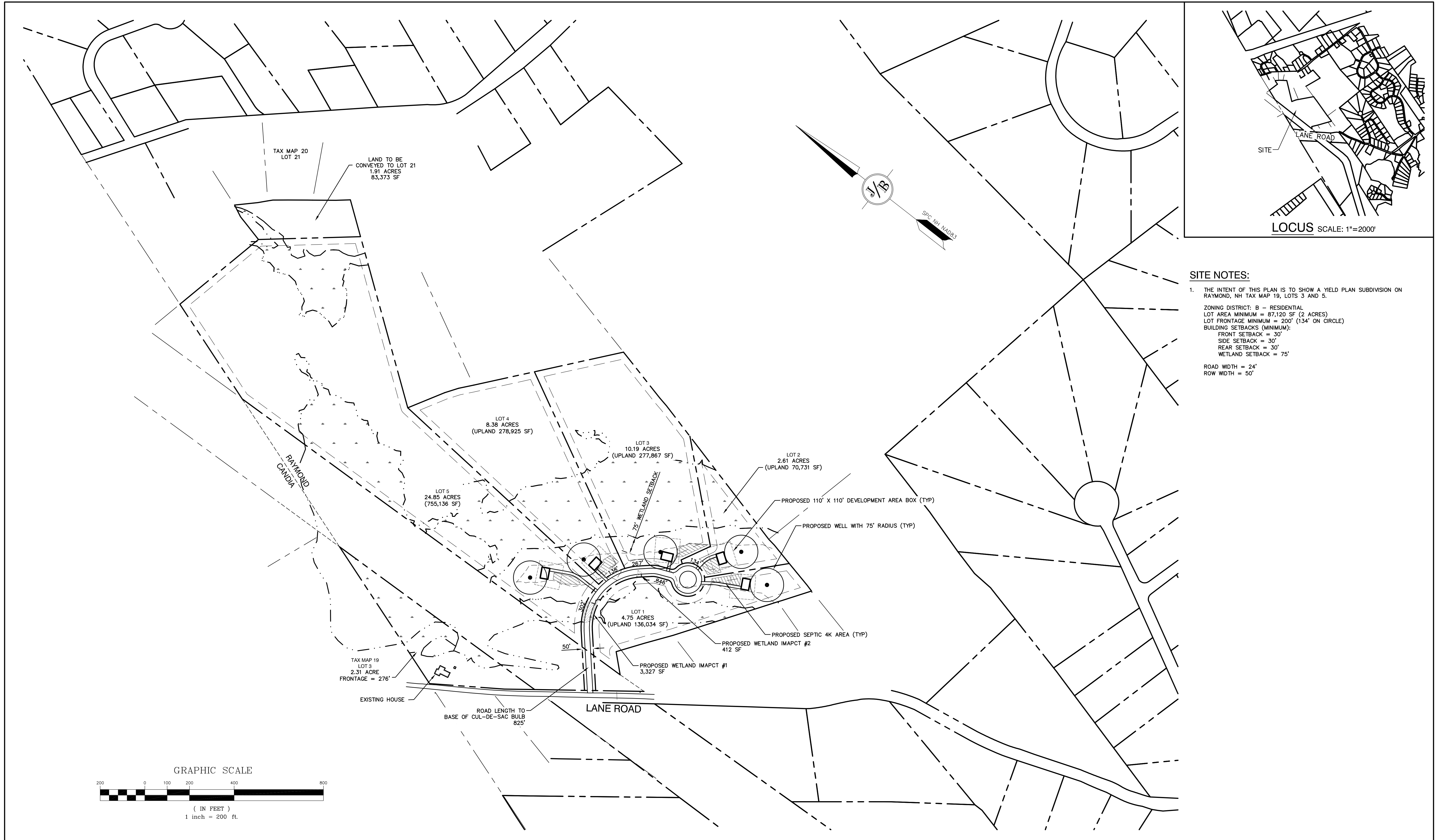
Design: WGM    Draft: GDR    Date: 5/26/23  
Checked: WGM    Scale: 1"=100'    Project No.: 22031  
Drawing Name: 22031-PLAN.dwg  
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0	10/06/23	ISSUED FOR DESIGN REVIEW	EMP

**J/B** Jones & Beach Engineers, Inc.  
Civil Engineering Services  
85 Portsmouth Ave.    PO Box 219    Stratham, NH 03885  
Designed and Produced in NH  
603-772-4746  
FAX: 603-772-0227  
E-MAIL: JBE@JONESANDBEACH.COM

Plan Name: **SUBDIVISION PLAN**  
Project: 197 LANE ROAD CONSERVATION SUBDIVISION  
197 LANE ROAD, RAYMOND, NH  
Owner of Record: CYNTHIA C. NYE REVOCABLE TRUST  
112 LANE ROAD, CANDIA, NH 03034

DRAWING No. **A1-1**  
SHEET 5 OF 11  
JBE PROJECT NO. 22031

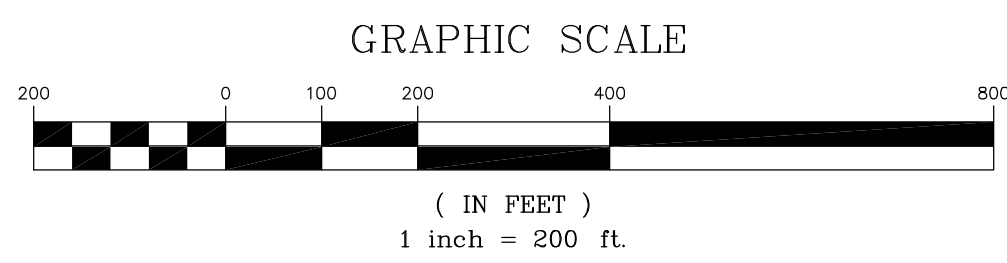


**SITE NOTES:**

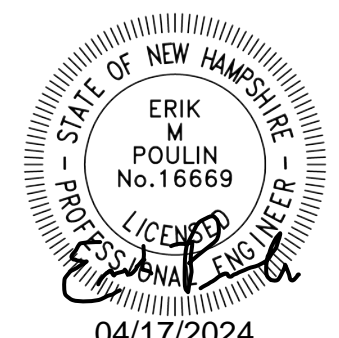
- THE INTENT OF THIS PLAN IS TO SHOW A YIELD PLAN SUBDIVISION ON RAYMOND, NH TAX MAP 19, LOTS 3 AND 5.

ZONING DISTRICT: B - RESIDENTIAL  
 LOT AREA MINIMUM = 87,120 SF (2 ACRES)  
 LOT FRONTAGE MINIMUM = 200' (134' ON CURVE)  
 BUILDING SETBACKS (MINIMUM):  
 FRONT SETBACK = 30'  
 SIDE SETBACK = 30'  
 REAR SETBACK = 30'  
 WETLAND SETBACK = 75'

ROAD WIDTH = 24'  
 ROW WIDTH = 50'



Design: EMP	Draft: GDR	Date: 6/17/22
Checked: EMP	Scale: 1" = 200'	Project No.: 22031
Drawing Name: 22031-YIELD PLAN.dwg		
THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.		



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0	10/06/23	ISSUED FOR DESIGN REVIEW	GDR

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**J/B Jones & Beach Engineers, Inc.**

85 Portsmouth Ave. Civil Engineering Services 603-772-4746  
 PO Box 219 FAX: 603-772-0227  
 Stratham, NH 03885 E-MAIL: JBE@JONESANDBEACH.COM

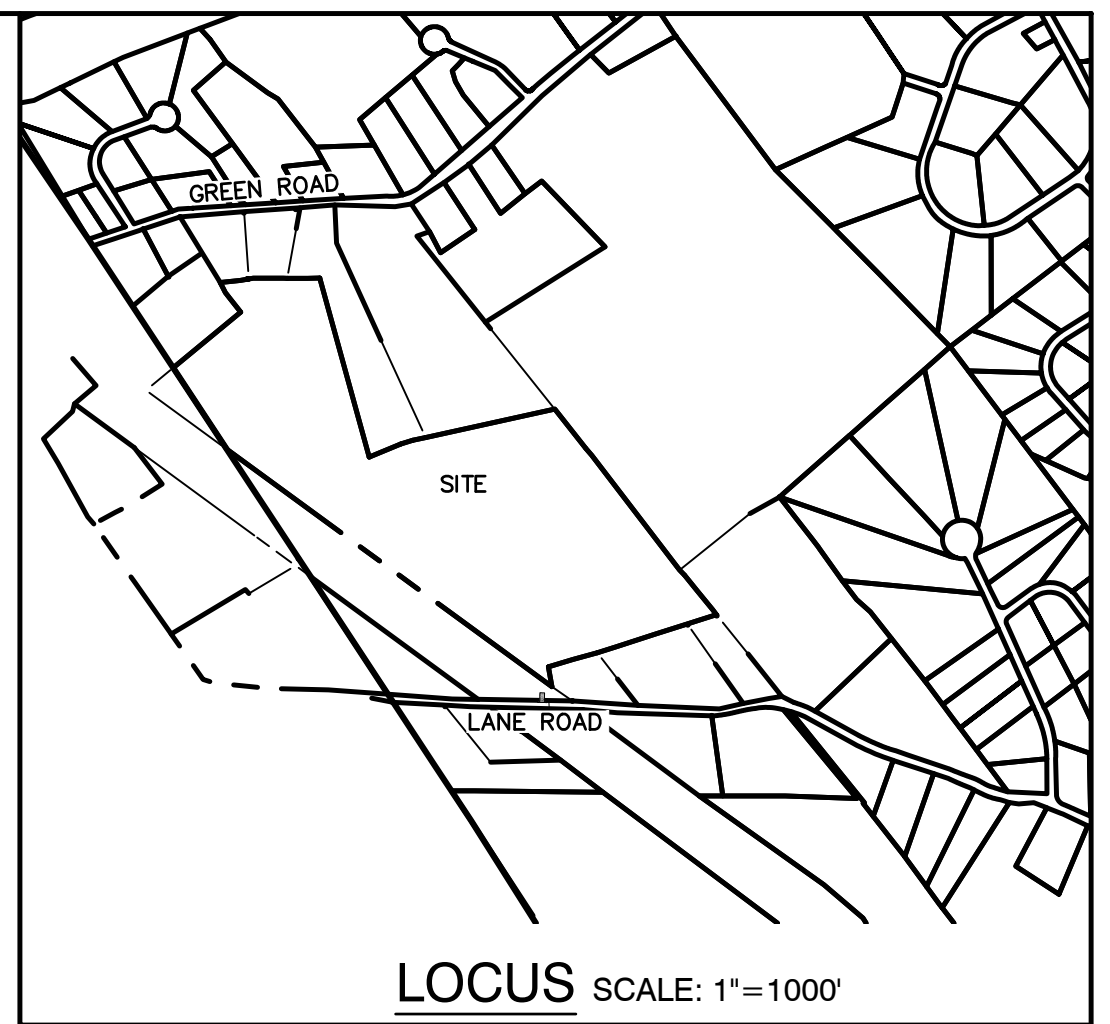
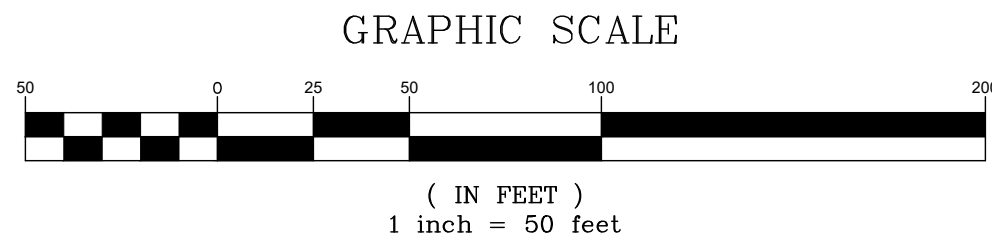
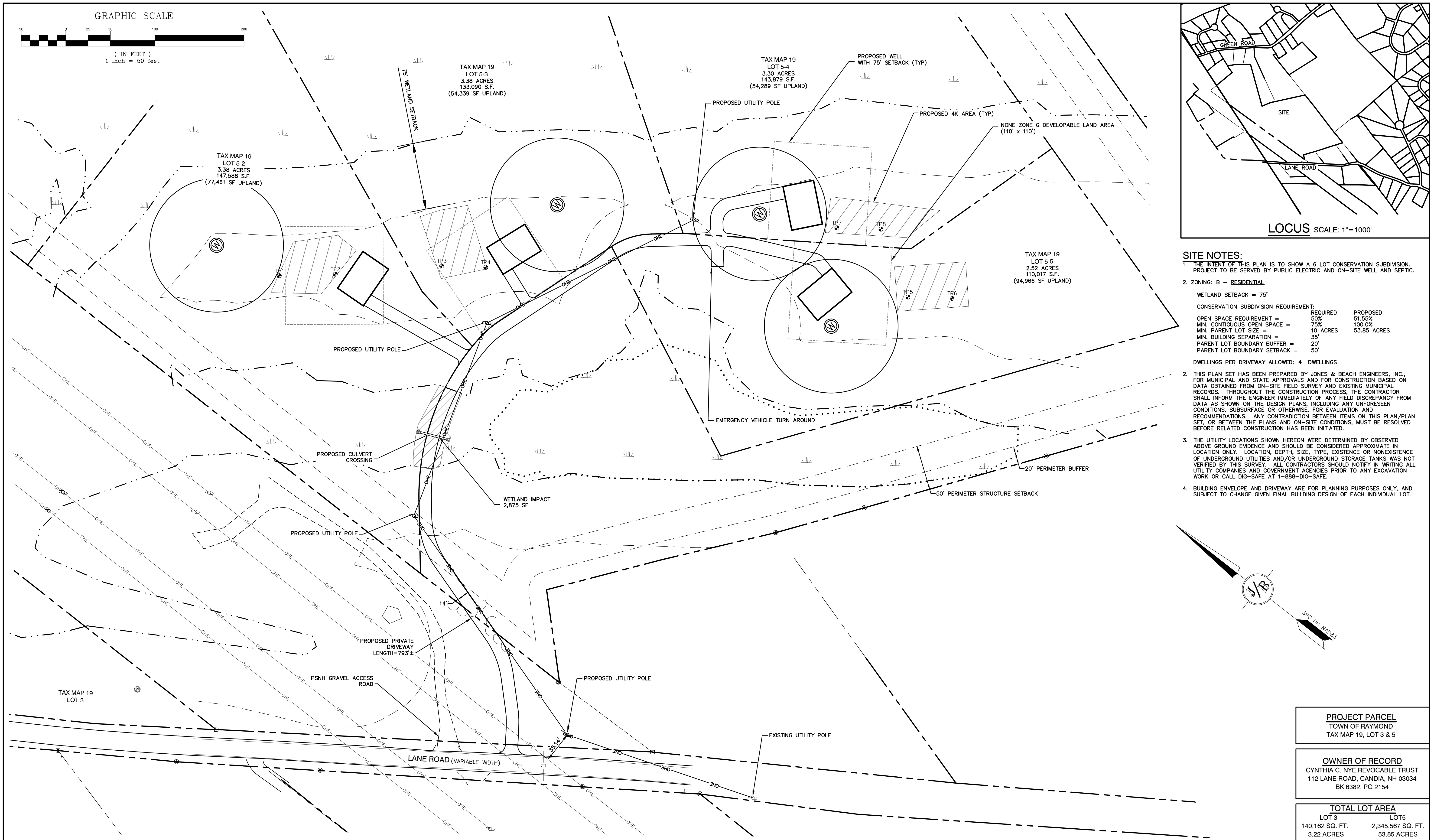
Plan Name:	<b>YIELD PLAN</b>
Project:	197 LANE ROAD CONSERVATION SUBDIVISION 197 LANE RD, RAYMOND, NH
Owner of Record:	CYNTHIA C. NYE REVOCABLE TRUST 112 LANE ROAD, CANDIA, NH 03034

DRAWING No.

**Y1**

SHEET 6 OF 11  
 JBE PROJECT NO. 22031

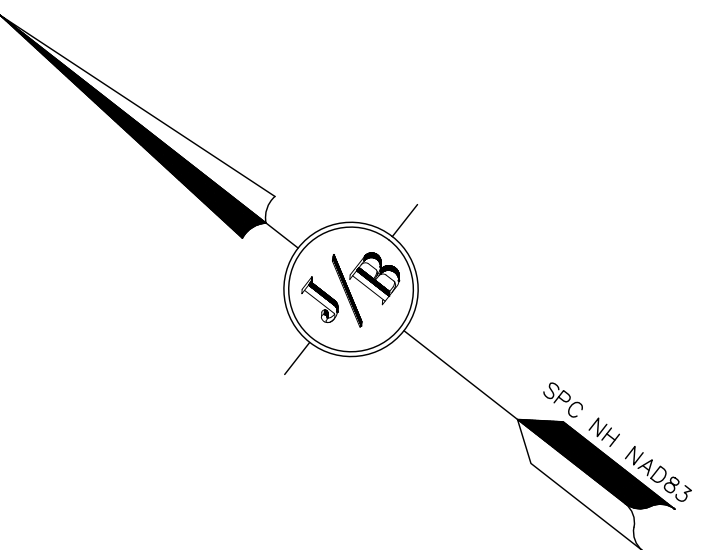




- SITE NOTES:**
- THE INTENT OF THIS PLAN IS TO SHOW A 6 LOT CONSERVATION SUBDIVISION. PROJECT TO BE SERVED BY PUBLIC ELECTRIC AND ON-SITE WELL AND SEPTIC.
  - ZONING: B - RESIDENTIAL  
 WETLAND SETBACK = 75'  
 CONSERVATION SUBDIVISION REQUIREMENT:  

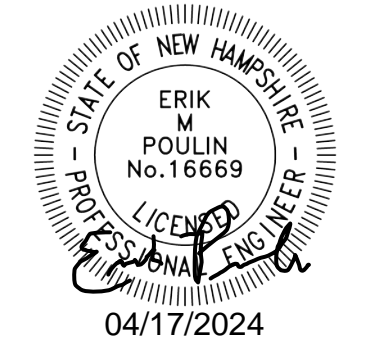
	REQUIRED	PROPOSED
OPEN SPACE REQUIREMENT =	50%	51.55%
MIN. CONTIGUOUS OPEN SPACE =	75%	100.0%
MIN. PARENT LOT SIZE =	10 ACRES	53.85 ACRES
MIN. BUILDING SEPARATION =	35'	
PARENT LOT BOUNDARY BUFFER =	20'	
PARENT LOT BOUNDARY SETBACK =	50'	

 DWELLINGS PER DRIVEWAY ALLOWED: 4 DWELLINGS
  - THIS PLAN SET HAS BEEN PREPARED BY JONES & BEACH ENGINEERS, INC., FOR MUNICIPAL AND STATE APPROVALS AND FOR CONSTRUCTION BASED ON DATA OBTAINED FROM ON-SITE FIELD SURVEY AND EXISTING MUNICIPAL RECORDS. THROUGHOUT THE CONSTRUCTION PROCESS, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY FIELD DISCREPANCY FROM DATA AS SHOWN ON THE DESIGN PLANS, INCLUDING ANY UNFORESEEN CONDITIONS, SUBSURFACE OR OTHERWISE, FOR EVALUATION AND RECOMMENDATIONS. ANY CONTRADICTION BETWEEN ITEMS ON THIS PLAN/PLAN SET, OR BETWEEN THE PLANS AND ON-SITE CONDITIONS, MUST BE RESOLVED BEFORE RELATED CONSTRUCTION HAS BEEN INITIATED.
  - THE UTILITY LOCATIONS SHOWN HEREON WERE DETERMINED BY OBSERVED ABOVE GROUND EVIDENCE AND SHOULD BE CONSIDERED APPROXIMATE IN LOCATION ONLY. LOCATION, DEPTH, SIZE, TYPE, EXISTENCE OR NONEXISTENCE OF UNDERGROUND UTILITIES AND/OR UNDERGROUND STORAGE TANKS WAS NOT VERIFIED BY THIS SURVEY. ALL CONTRACTORS SHOULD NOTIFY IN WRITING ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO ANY EXCAVATION WORK OR CALL DIG-SAFE AT 1-888-DIG-SAFE.
  - BUILDING ENVELOPE AND DRIVEWAY ARE FOR PLANNING PURPOSES ONLY, AND SUBJECT TO CHANGE GIVEN FINAL BUILDING DESIGN OF EACH INDIVIDUAL LOT.



<b>PROJECT PARCEL</b> TOWN OF RAYMOND TAX MAP 19, LOT 3 & 5
<b>OWNER OF RECORD</b> CYNTHIA C. NYE REVOCABLE TRUST 112 LANE ROAD, CANDIA, NH 03034 BK 6382, PG 2154
<b>TOTAL LOT AREA</b> LOT 3      LOTS 140,162 SQ. FT.      2,345,567 SQ. FT. 3.22 ACRES      53.85 ACRES

Design: WGM    Draft: GDR    Date: 5/26/23  
 Checked: WGM    Scale: 1"=100'    Project No.: 22031  
 Drawing Name: 22031-PLAN.dwg  
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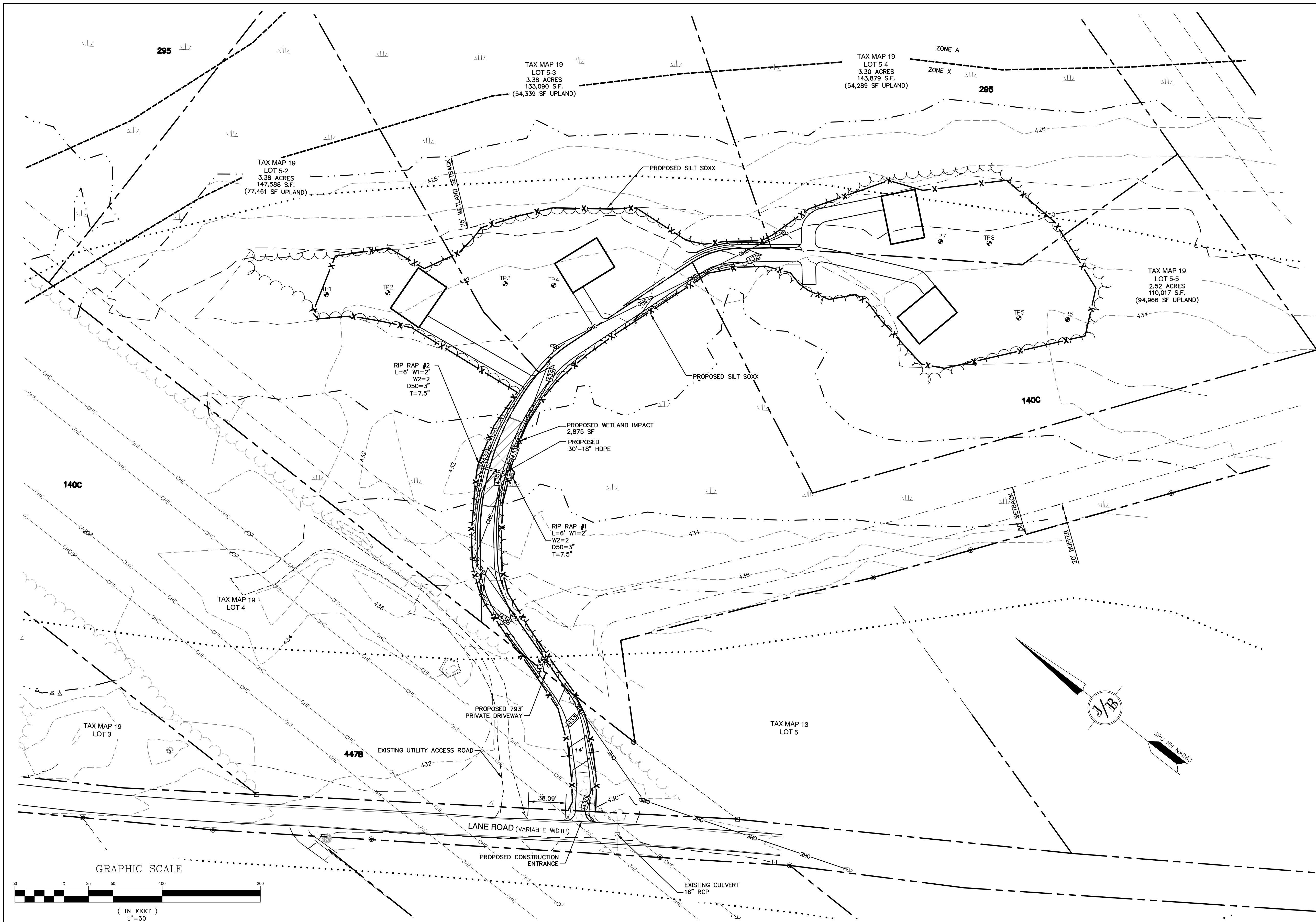
REV.	DATE	REVISION	BY
1	04/17/24	ISSUED FOR REVIEW	EMP
0	10/06/23	ISSUED FOR DESIGN REVIEW	EMP
		REVISION	BY

Designed and Produced in NH

**J/B Jones & Beach Engineers, Inc.**  
 Civil Engineering Services  
 85 Portsmouth Ave.      PO Box 219      Stratham, NH 03885  
 603-772-4746      FAX: 603-772-0227      E-MAIL: JBE@JONESANDBEACH.COM

Plan Name:	<b>CONSERVATION SUBDIVISION SITE PLAN</b>
Project:	197 LANE ROAD CONSERVATION SUBDIVISION 197 LANE ROAD, RAYMOND, NH
Owner of Record:	CYNTHIA C. NYE REVOCABLE TRUST 112 LANE ROAD, CANDIA, NH 03034

DRAWING No.  
**C2**  
 SHEET 7 OF 11  
 JBE PROJECT NO. 22031



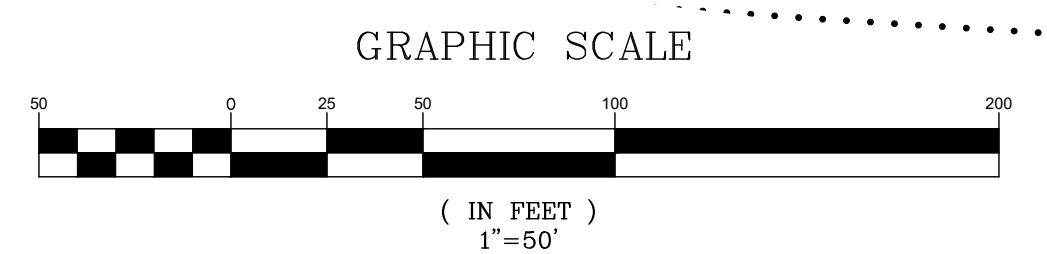
**GRADING AND DRAINAGE NOTES:**

1. UNDERGROUND FACILITIES, UTILITIES AND STRUCTURES HAVE BEEN PLOTTED FROM FIELD OBSERVATION AND THEIR LOCATION MUST BE CONSIDERED APPROXIMATE ONLY. NEITHER JONES & BEACH ENGINEERS, INC., NOR ANY OF THEIR EMPLOYEES TAKE RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND STRUCTURES AND/OR UTILITIES NOT SHOWN THAT MAY EXIST. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL UNDERGROUND STRUCTURES AND/OR UTILITIES LOCATED PRIOR TO EXCAVATION WORK BY CALLING 888-DIG-SAFE (888-344-7233).
2. VERTICAL DATUM: NAVD 88. HORIZONTAL DATUM: SPC NH NAD83.
3. ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
4. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED. SEE CONSTRUCTION SEQUENCE ON SHEET E1.
5. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO HAVE THE PROJECT'S LAND SURVEYOR STAKE OR FLAG CLEARING LIMITS. A MINIMUM OF 48 HOURS NOTICE IS REQUIRED.
6. SLOPES GREATER THAN 3:1 SHALL BE STABILIZED WITH NORTH AMERICAN GREEN S75 EROSION CONTROL BLANKETS (OR AN EQUIVALENT APPROVED IN WRITING BY THE ENGINEER), UNLESS OTHERWISE SPECIFIED.
7. LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY ALL GOVERNING AUTHORITIES. THE GENERAL CONTRACTOR SHALL STRICTLY ADHERE TO THE EPA SWPPP DURING CONSTRUCTION OPERATIONS.
8. NO LAND CLEARING OR GRADING SHALL BEGIN UNTIL ALL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
9. ALL EXPOSED AREAS SHALL BE SEEDED AS SPECIFIED WITHIN 3 DAYS OF FINAL GRADING.
10. SHOULD CONSTRUCTION STOP FOR LONGER THAN 3 DAYS, THE SITE SHALL BE SEEDED AS SPECIFIED.
11. MAINTAIN EROSION CONTROL MEASURES AFTER EACH RAIN EVENT OF 0.5" OR GREATER IN A 24 HOUR PERIOD AND AT LEAST ONCE A WEEK.
12. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE, AS THE GENERAL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SEDIMENT FROM LEAVING THE SITE.
13. CONSTRUCTION VEHICLES SHALL UTILIZE THE STABILIZED CONSTRUCTION ENTRANCE TO THE EXTENT POSSIBLE THROUGHOUT CONSTRUCTION.
14. IF INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OR NIGHTFALL, THE PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC.
15. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION.
16. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH PROJECT SPECIFICATIONS.
17. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED, IF DEEMED NECESSARY BY ON-SITE INSPECTION BY ENGINEER AND/OR REGULATORY OFFICIALS.

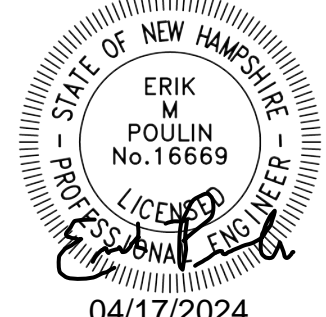
**PROJECT PARCEL**  
TOWN OF RAYMOND  
TAX MAP 19, LOT 3 & 5

**OWNER OF RECORD**  
CYNTHIA C. NYE REVOCABLE TRUST  
112 LANE ROAD, CANDIA, NH 03034  
BK 6382, PG 2154

**TOTAL LOT AREA**  
LOT 3      LOTS  
140,162 SQ. FT.      2,345,567 SQ. FT.  
3.22 ACRES      53.85 ACRES



Design: WGM    Draft: GDR    Date: 5/26/23  
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		REVISION	

Designed and Produced in NH

**J/B Jones & Beach Engineers, Inc.**

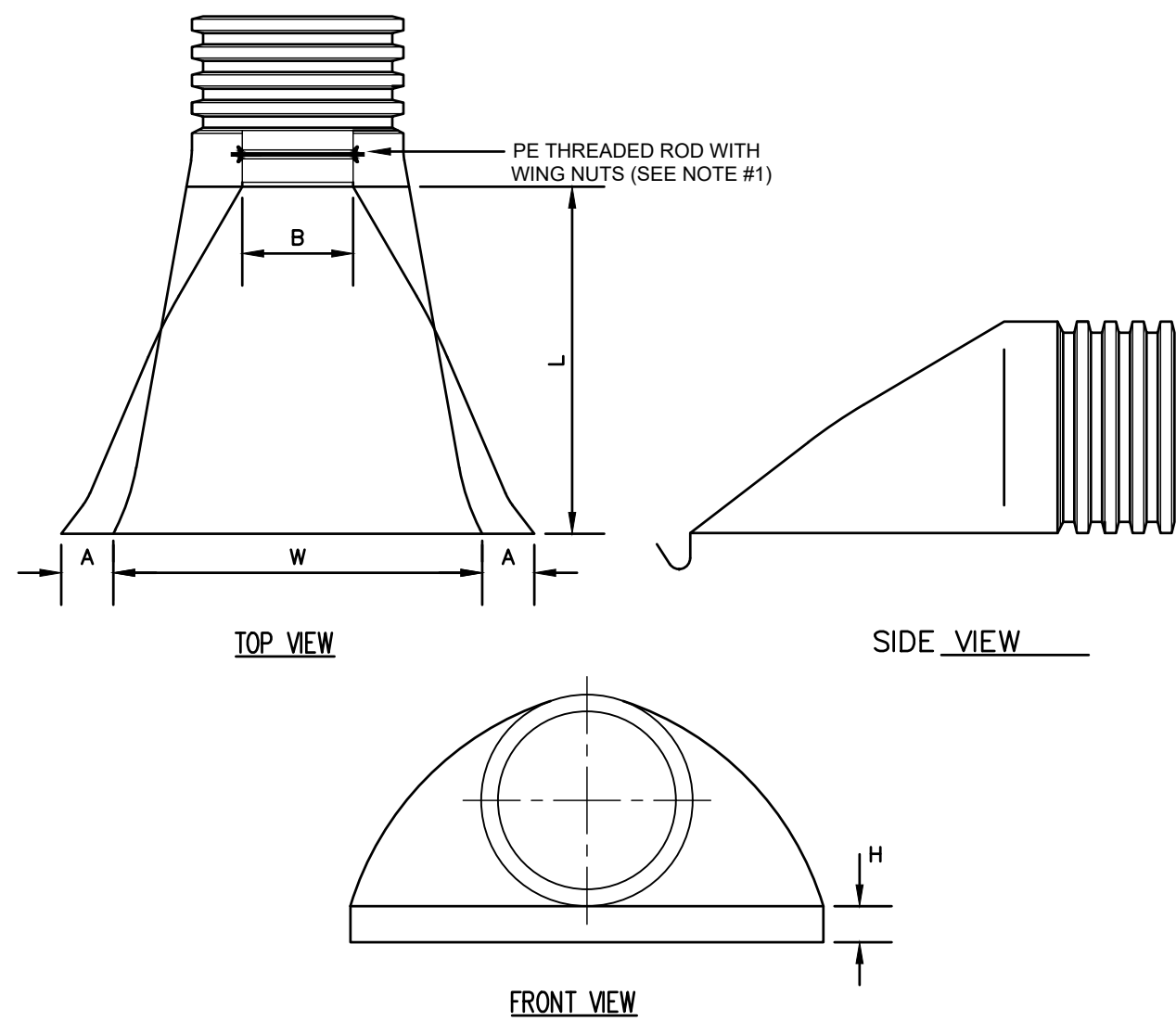
85 Portsmouth Ave.    Civil Engineering Services    603-772-4746  
PO Box 219    Stratham, NH 03885    FAX: 603-772-0227  
E-MAIL: JBE@JONESANDBEACH.COM

Plan Name: **GRADING AND DRAINAGE PLAN**

Project: **197 LANE ROAD CONSERVATION SUBDIVISION  
197 LANE ROAD, RAYMOND, NH**

Owner of Record: **CYNTHIA C. NYE REVOCABLE TRUST  
112 LANE ROAD, CANDIA, NH 03034**

DRAWING No.  
**C3**  
SHEET 8 OF 11  
JBE PROJECT NO. 22031

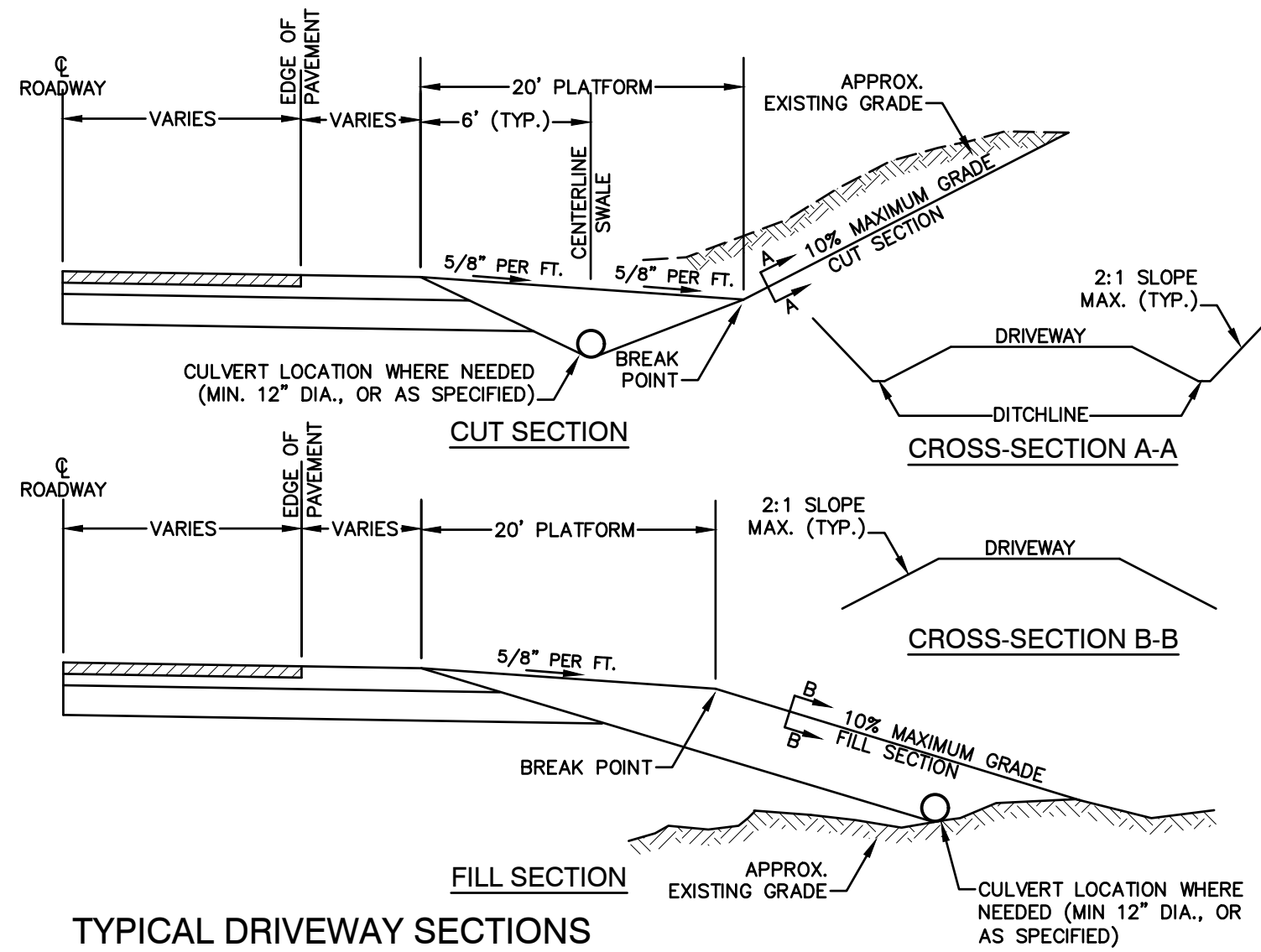


PART NO.	PIPE SIZE	A	B (MAX)	H	L	W
1210-NP	12"	6.5"	10"	6.5"	25"	29"
1510-NP	15"	6.5"	10"	6.5"	25"	29"
1810-NP	18"	7.5"	15"	6.5"	32"	35"
2410-NP	24"	7.5"	18"	6.5"	36"	45"
3010-NP	30"	10.5"	N/A	7.0"	53"	68"
3610-NP	36"	10.5"	N/A	7.0"	53"	68"

- NOTES:**
- PE THREADED ROD WITH WING NUTS PROVIDED FOR END SECTIONS 12"-24". 30" AND 36" END SECTIONS TO BE WELDED PER MANUFACTURER'S RECOMMENDATIONS.
  - ALL DIMENSIONS ARE NOMINAL.

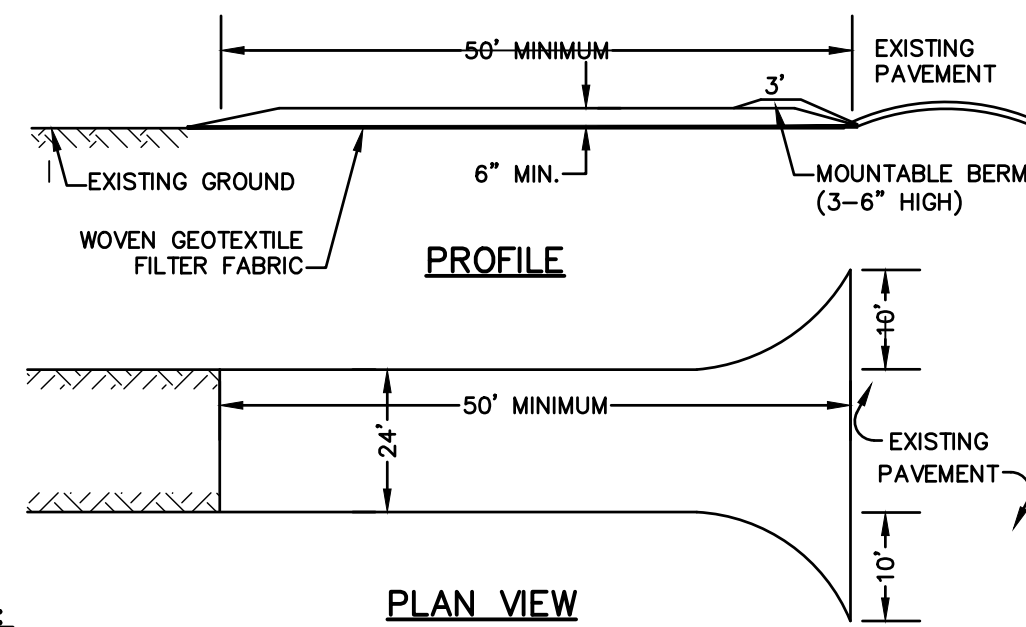
**ADS N-12 FLARED END SECTION**

NOT TO SCALE



**TYPICAL DRIVEWAY SECTIONS**

NOT TO SCALE

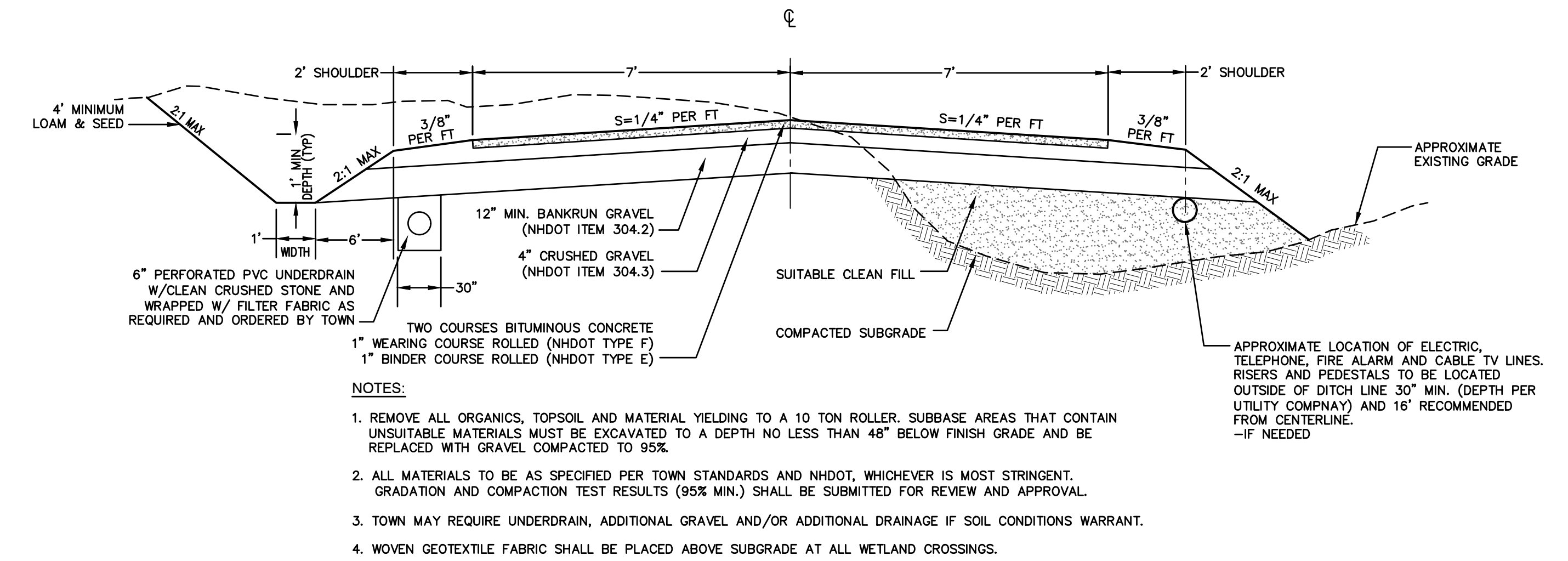


**NOTES:**

- STONE FOR STABILIZED CONSTRUCTION ENTRANCE SHALL BE 3 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
- THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
- THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
- THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS, OR 10 FEET, WHICHEVER IS GREATER.
- GEOTEXTILE FILTER FABRIC SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE. FILTER FABRIC IS NOT REQUIRED FOR A SINGLE FAMILY RESIDENTIAL LOT.
- ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A STONE BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO THE PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.

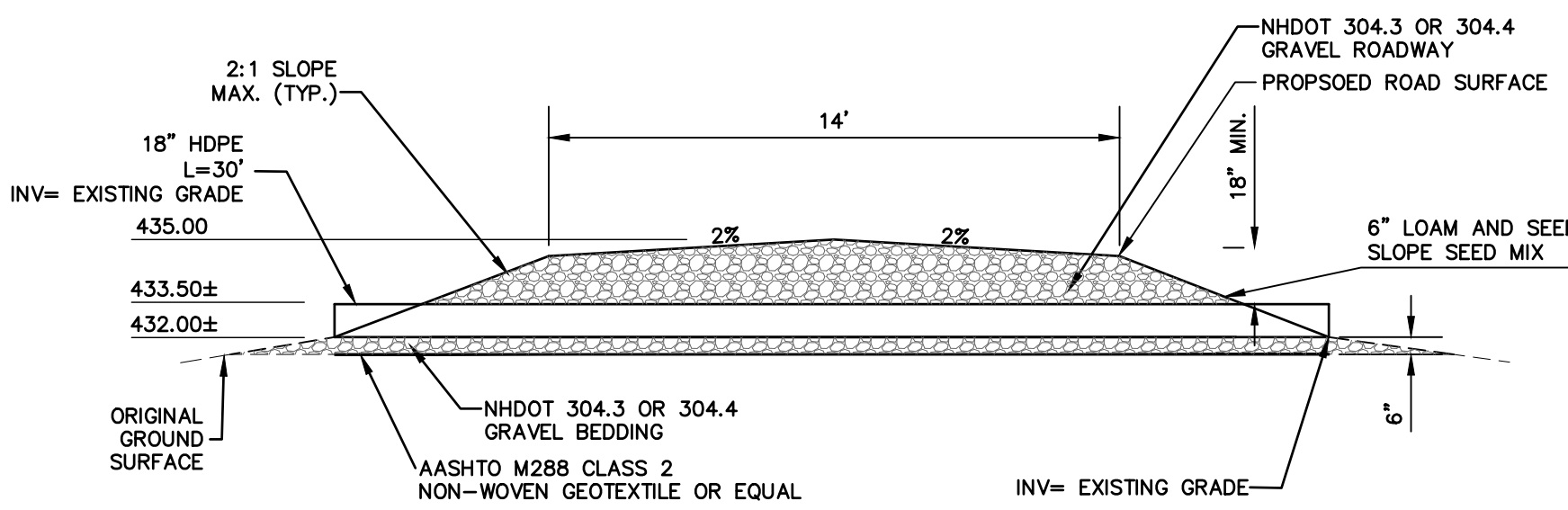
**STABILIZED CONSTRUCTION ENTRANCE**

NOT TO SCALE



**TYPICAL SHARED DRIVEWAY SECTION**

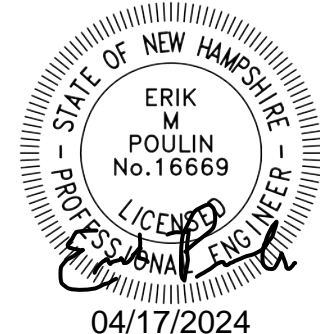
NOT TO SCALE



**WETLAND CROSSING SECTION**

NOT TO SCALE

Design: WGM	Draft: GDR	Date: 5/26/23
Checked: WGM	Scale: AS NOTED	Project No.: 22031
Drawing Name: 22031-PLAN.dwg		
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		REVISION	BY

Designed and Produced in NH

**J/B Jones & Beach Engineers, Inc.**

85 Portsmouth Ave. Stratham, NH 03885

Civil Engineering Services

603-772-4746  
FAX: 603-772-0227  
E-MAIL: JBE@JONESANDBEACH.COM

Plan Name:	DETAIL SHEET
Project:	197 LANE ROAD CONSERVATION SUBDIVISION 197 LANE ROAD, RAYMOND, NH
Owner of Record:	CYNTHIA C. NYE REVOCABLE TRUST 112 LANE ROAD, CANDIA, NH 03034

DRAWING No.	D1
SHEET 9 OF 11	JBE PROJECT NO. 22031



**TEMPORARY EROSION CONTROL NOTES**

- THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME. AT NO TIME SHALL AN AREA IN EXCESS OF 5 ACRES BE EXPOSED AT ANY ONE TIME BEFORE DISTURBED AREAS ARE STABILIZED.
- EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED, DIRECTED BY THE ENGINEER.
- ALL DISTURBED AREAS (INCLUDING POND AREAS BELOW THE PROPOSED WATERLINE) SHALL BE RETURNED TO PROPOSED GRADES AND ELEVATIONS. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 6" OF SCREENED ORGANIC LOAM AND SEEDED WITH SEED MIXTURE 'C' AT A RATE NOT LESS THAN 1.10 POUNDS OF SEED PER 1,000 S.F. OF AREA (48 LBS. / ACRE).
- SILT FENCES AND OTHER BARRIERS SHALL BE INSPECTED EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 0.5" OR GREATER. ALL DAMAGED AREAS SHALL BE REPAIRED, AND SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.
- AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND RE-VEGETATED.
- AREAS MUST BE SEEDD AND MULCHED OR OTHERWISE PERMANENTLY STABILIZED WITHIN 3 DAYS OF FINAL GRADING, OR TEMPORARILY STABILIZED WITHIN 14 DAYS OF THE INITIAL DISTURBANCE OF SOIL. ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.
- ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING NORTH AMERICAN GREEN S75 EROSION CONTROL BLANKETS (OR AN EQUIVALENT APPROVED IN WRITING BY THE ENGINEER) ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- AFTER OCTOBER 15th, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3" OF CRUSHED GRAVEL PER NHDOT ITEM 304.3.
- AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
  - BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
  - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
  - A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH STONE OR RIPRAP HAS BEEN INSTALLED; OR
  - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- FUGITIVE DUST CONTROL IS REQUIRED TO BE CONTROLLED IN ACCORDANCE WITH ENV-A 1000, AND THE PROJECT IS TO MEET THE REQUIREMENTS AND INTENT OF RSA 430:53 AND AGR 3800 RELATIVE TO INVASIVE SPECIES.
- PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR'S NAME, ADDRESS, AND PHONE NUMBER SHALL BE SUBMITTED TO DES VIA EMAIL (SEE BELOW).
- PRIOR TO CONSTRUCTION, A PHASING PLAN THAT DELINEATES EACH PHASE OF THE PROJECT SHALL BE SUBMITTED. ALL TEMPORARY SEDIMENT BASINS THAT WILL BE NEEDED FOR DEWATERING WORK AREAS SHALL BE LOCATED AND IDENTIFIED ON THIS PLAN.
- IN ORDER TO ENSURE THE STABILITY OF THE SITE AND EFFECTIVE IMPLEMENTATION OF THE SEDIMENT AND EROSION CONTROL MEASURES SPECIFIED IN THE PLANS FOR THE DURATION OF CONSTRUCTION, THE CONTRACTOR SHALL BE IN STRICT COMPLIANCE WITH THE FOLLOWING INSPECTION AND MAINTENANCE REQUIREMENTS IN ADDITION TO THOSE CALLED FOR IN THE SWPPP:
  - A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL OR A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW HAMPSHIRE ("MONITOR") SHALL BE EMPLOYED TO INSPECT THE SITE FROM THE START OF ALTERATION OF TERRAIN ACTIVITIES UNTIL THE SITE IS IN FULL COMPLIANCE WITH THE SITE SPECIFIC PERMIT ("PERMIT").
  - DURING THIS PERIOD, THE MONITOR SHALL INSPECT THE SUBJECT SITE AT LEAST ONCE A WEEK, AND IF POSSIBLE, DURING ANY 1/2 INCH OR GREATER RAIN EVENT (I.E. 1/2 INCH OF PRECIPITATION OR MORE WITHIN A 24 HOUR PERIOD). IF UNABLE TO BE PRESENT DURING SUCH A STORM, THE MONITOR SHALL INSPECT THE SITE WITHIN 24 HOURS OF THIS EVENT.
  - THE MONITOR SHALL PROVIDE TECHNICAL ASSISTANCE AND RECOMMENDATIONS TO THE CONTRACTOR ON THE APPROPRIATE BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROLS REQUIRED TO MEET THE REQUIREMENTS OF RSA 485 A:17 AND ALL APPLICABLE DES PERMIT CONDITIONS.

**SEEDING SPECIFICATIONS**

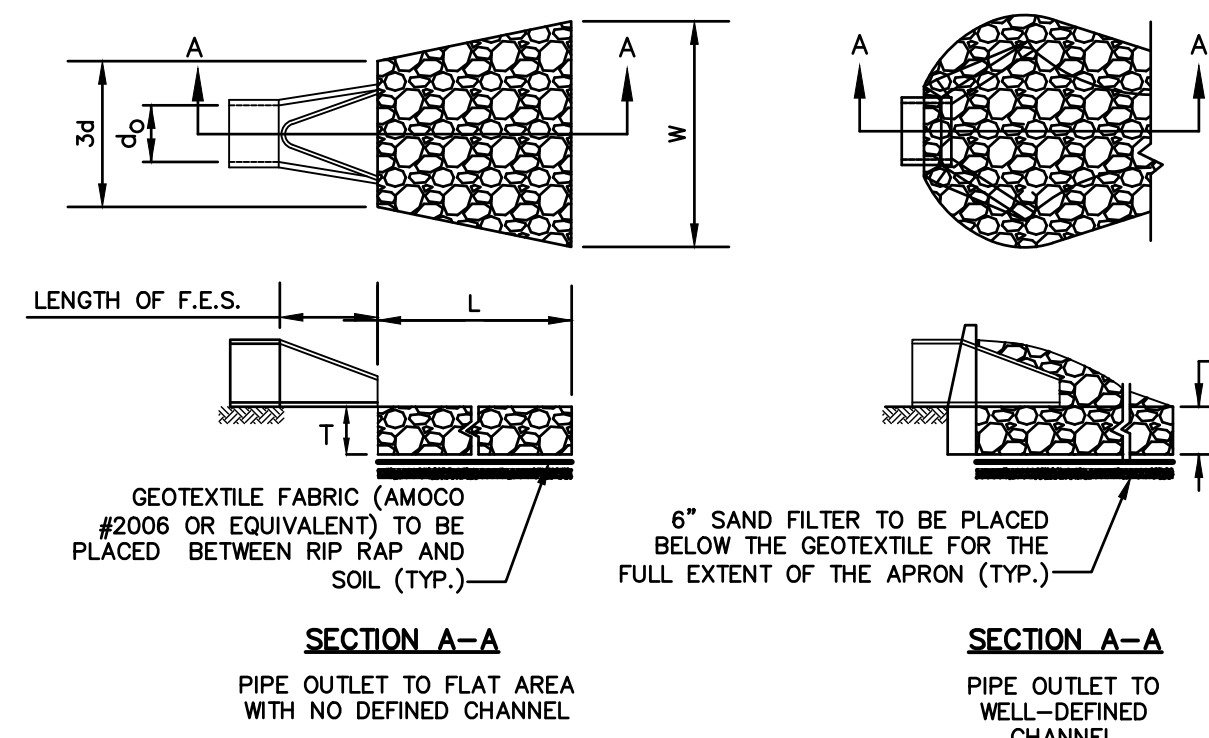
- GRADING AND SHAPING**
  - SLOPES SHALL NOT BE STEEPER THAN 2:1 WITHOUT APPROPRIATE EROSION CONTROL MEASURES AS SPECIFIED ON THE PLANS (3:1 SLOPES OR FLATTER ARE PREFERRED).
  - WHERE MOWING WILL BE DONE, 3:1 SLOPES OR FLATTER ARE RECOMMENDED.
- SEEDBED PREPARATION**
  - SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
  - STONES LARGER THAN 4 INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT 4 INCHES TO PREPARE A SEEDBED AND FERTILIZER AND LIME MIXED INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN A REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.
- ESTABLISHING A STAND**
  - LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. TYPES AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED: AGRICULTURAL LIMESTONE, 2 TONS PER ACRE OR 100 LBS. PER 1,000 SQ.FT. NITROGEN(N), 50 LBS. PER ACRE OR 1.1 LBS. PER 1,000 SQ.FT. PHOSPHATE(P2O5), 100 LBS. PER ACRE OR 2.2 LBS. PER 1,000 SQ.FT. POTASH(K2O), 100 LBS. PER ACRE OR 2.2 LBS. PER 1,000 SQ.FT. (NOTE: THIS IS THE EQUIVALENT OF 500 LBS. PER ACRE OF 10-20-20 FERTILIZER OR 1,000 LBS. PER ACRE OF 5-10-10.) SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH .25 INCH OF SOIL OR LESS, BY CULTIPACKING OR RAKING.
  - REFER TO THE 'SEEDING GUIDE' AND 'SEEDING RATES' TABLES ON THIS SHEET FOR APPROPRIATE SEED MIXTURES AND RATES OF SEEDING. ALL LEGUMES (CROWNVETCH, BIRDSFOOT, TREFOL AND FLATPEA) MUST BE INOCULATED WITH THEIR SPECIFIC INOCULANT PRIOR TO THEIR INTRODUCTION TO THE SITE.
  - WHEN SEEDD AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDD AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20th OR FROM AUGUST 10th TO SEPTEMBER 1st.
- MULCH**
  - HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.
  - MULCH WILL BE HELD IN PLACE USING APPROPRIATE TECHNIQUES FROM THE BEST MANAGEMENT PRACTICE FOR MULCHING. HAY OR STRAW MULCH SHALL BE PLACED AT A RATE OF 90 LBS PER 1000 S.F.
- MAINTENANCE TO ESTABLISH A STAND**
  - PLANTED AREAS SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.
  - FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIALS TAKE 2 TO 3 YEARS TO BECOME FULLY ESTABLISHED.
  - IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, ANNUAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.

USE	SEEDING MIXTURE 1/	DROUGHTY	WELL DRAINED	MODERATELY WELL DRAINED	POORLY DRAINED
STEEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS	A	FAIR	GOOD	GOOD	FAIR
	B	POOR	GOOD	FAIR	FAIR
	C	POOR	GOOD	EXCELLENT	GOOD
WATERWAYS, EMERGENCY SPILLWAYS, AND OTHER CHANNELS WITH FLOWING WATER.	A	GOOD	GOOD	GOOD	FAIR
	C	GOOD	EXCELLENT	EXCELLENT	FAIR
LIGHTLY USED PARKING LOTS, ODD AREAS, UNUSED LANDS, AND LOW INTENSITY USE RECREATION SITES.	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	GOOD	FAIR	POOR
	C	GOOD	EXCELLENT	EXCELLENT	FAIR
PLAY AREAS AND ATHLETIC FIELDS. (TOPSOIL IS ESSENTIAL FOR GOOD TURF.)	E	FAIR	EXCELLENT	EXCELLENT	2/
	F	FAIR	EXCELLENT	EXCELLENT	2/

GRAVEL PIT, SEE NH-PW-24 IN APPENDIX FOR RECOMMENDATION REGARDING RECLAMATION OF SAND AND GRAVEL PITS.

1/ REFER TO SEEDING MIXTURES AND RATES IN TABLE BELOW.  
2/ POORLY DRAINED SOILS ARE NOT DESIRABLE FOR USE AS PLAYING AREA AND ATHLETIC FIELDS.

NOTE: TEMPORARY SEED MIX FOR STABILIZATION OF TURF SHALL BE WINTER RYE OR OATS AT A RATE OF 2.5 LBS. PER 1000 S.F. AND SHALL BE PLACED PRIOR TO OCTOBER 15th, IF PERMANENT SEEDING NOT YET COMPLETE.



**NOTES:**

- THE SUBGRADE FOR THE GEOTEXTILE FABRIC AND RIP RAP SHALL BE PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
- THE RIP RAP SHALL CONFORM TO THE SPECIFIED GRADATION.
- GEOTEXTILE FABRICS SHALL BE PROTECTED FROM PUNCTURE OR TEARING DURING THE PLACEMENT OF THE ROCK RIP. DAMAGED AREAS IN THE FABRIC SHALL BE REPAIRED BY PLACING A PIECE OF FABRIC OVER THE DAMAGED AREA OR BY COMPLETE REPLACEMENT OF THE FABRIC. ALL OVERLAPS REQUIRED FOR REPAIRS OR JOINING TWO PIECES OF FABRIC SHALL BE A MINIMUM OF 12 INCHES.
- STONE FOR THE RIP RAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT SEGREGATION OF THE STONE SIZES.
- OUTLETS TO A DEFINED CHANNEL SHALL HAVE 2:1 OR FLATTER SIDE SLOPES AND SHOULD BEGIN AT THE TOP OF THE CULVERT AND TAPER DOWN TO THE CHANNEL BOTTOM THROUGH THE LENGTH OF THE APRON.
- MAINTENANCE:** THE OUTLET PROTECTION SHOULD BE CHECKED AT LEAST ANNUALLY AND AFTER EVERY MAJOR STORM. IF THE RIP RAP HAS BEEN DISPLACED, UNDERMINED OR DAMAGED, IT SHOULD BE REPAIRED IMMEDIATELY. THE CHANNEL IMMEDIATELY BELOW THE OUTLET SHOULD BE CHECKED TO SEE THAT EROSION IS NOT OCCURRING. THE DOWNSTREAM CHANNEL SHOULD BE KEPT CLEAR OF OBSTRUCTIONS SUCH AS FALLEN TREES, DEBRIS, AND SEDIMENT THAT COULD CHANGE FLOW PATTERNS AND/OR TAILWATER DEPTHS ON THE PIPES. REPAIRS MUST BE CARRIED OUT IMMEDIATELY TO AVOID ADDITIONAL DAMAGE TO OUTLET PROTECTION.

**RIP RAP OUTLET PROTECTION APRON**

NOT TO SCALE

**CONSTRUCTION SEQUENCE**

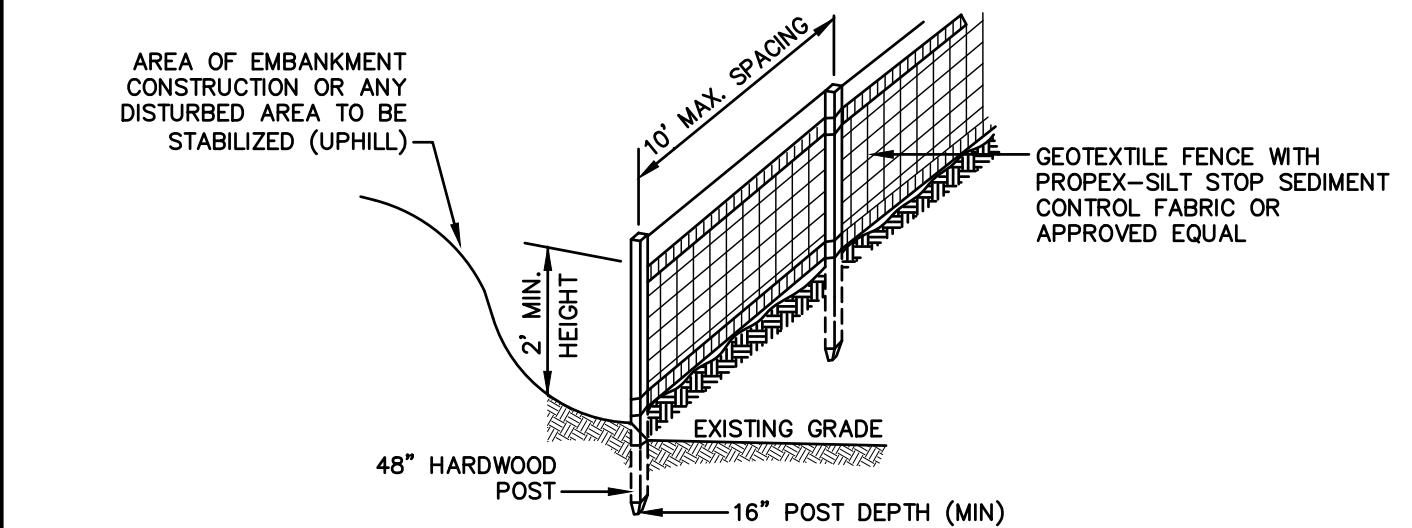
- PRIOR TO THE START OF ANY ACTIVITY, IT IS THE RESPONSIBILITY OF THE SITE'S SITE DEVELOPER (OR OWNER) TO FILE A NOTICE OF INTENT (NOI) FORM WITH THE ENVIRONMENTAL PROTECTION AGENCY (EPA) IN ORDER TO GAIN COVERAGE UNDER THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES. A PRE CONSTRUCTION MEETING IS TO BE HELD WITH ALL DEPARTMENT HEADS PRIOR TO THE START OF CONSTRUCTION.
- WETLAND BOUNDARIES ARE TO BE CLEARLY MARKED PRIOR TO THE START OF CONSTRUCTION. AT LEAST A TEMPORARY CULVERT OR ROADBED TO BE IN PLACE PRIOR TO THE START OF CONSTRUCTION.
- CUT AND REMOVE TREES IN CONSTRUCTION AREA AS REQUIRED OR DIRECTED.
- INSTALL SILT FENCING, HAY BALES AND CONSTRUCTION ENTRANCES PRIOR TO THE START OF CONSTRUCTION. THESE ARE TO BE MAINTAINED UNTIL THE FINAL PAVEMENT SURFACING AND LANDSCAPING AREAS ARE ESTABLISHED.
- CLEAR, CUT, GRUB AND DISPOSE OF DEBRIS IN APPROVED FACILITIES. THIS INCLUDES ANY REQUIRED DEMOLITION OF EXISTING STRUCTURES, UTILITIES, ETC.
- CONSTRUCT AND/OR INSTALL TEMPORARY OR PERMANENT SEDIMENT AND/OR DETENTION BASIN(S) AS NEEDED. THESE FACILITIES SHALL BE INSTALLED AND STABILIZED PRIOR TO DIRECTING RUN-OFF TO THEM.
- STRIP LOAM AND PAVEMENT, OR RECLAIM EXISTING PAVEMENT WITHIN LIMITS OF WORK PER THE RECOMMENDATIONS OF THE PROJECT ENGINEER AND STOCKPILE EXCESS MATERIAL. STABILIZE STOCKPILE AS NECESSARY.
- PERFORM PRELIMINARY SITE GRADING.
- INSTALL DRAINAGE CULVERTS, THEN ANY OTHER UTILITIES WITHIN THE PROJECT BOUNDARY. ANY CONFLICTS BETWEEN UTILITIES ARE TO BE RESOLVED WITH THE INVOLVEMENT AND APPROVAL OF THE ENGINEER.
- ALL SWALES AND DRAINAGE STRUCTURES ARE TO BE CONSTRUCTED AND STABILIZED PRIOR TO HAVING RUN-OFF DIRECTED TO THEM.
- DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINAGE DITCHES, CHECK DAMS, SEDIMENT TRAPS, ETC., TO PREVENT EROSION ON THE SITE AND PREVENT ANY SILTATION OF ABUTTING WATERS AND/OR PROPERTY.
- PERFORM FINAL FINE GRADING, INCLUDING PLACEMENT OF 'SELECT' SUBGRADE MATERIALS.
- PAVE DRIVEWAY WITH INITIAL 'BASE COURSE'.
- FINISH PAVING DRIVEWAY WITH 'FINISH' COURSE.
- PERFORM ALL REMAINING SITE CONSTRUCTION (I.E. UTILITY CONNECTIONS, ETC.).
- LOAM AND SEED ALL DISTURBED AREAS AND INSTALL ANY REQUIRED SEDIMENT AND EROSION CONTROL FACILITIES (I.E. RIP RAP, EROSION CONTROL BLANKETS, ETC.).
- ROADWAY SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- ALL CUT AND FILL SLOPES SHALL BE SEEDD/LOAMD WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SEEDING AREAS HAVE BEEN 75%-85% ESTABLISHED AND SITE IMPROVEMENTS ARE COMPLETE. SMOOTH AND RE-VEGETATE ALL DISTURBED AREAS.
- CLEAN SITE AND ALL DRAINAGE STRUCTURES, INCLUDING PIPES OF ALL SILT AND DEBRIS.
- ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EVERY HALF-INCH OF RAINFALL.
- UPON COMPLETION OF CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY ANY RELEVANT PERMITTING AGENCIES THAT THE CONSTRUCTION HAS BEEN FINISHED IN A SATISFACTORY MANNER.
- LOT DISTURBANCE, OTHER THAN THAT SHOWN ON THE APPROVED PLANS, SHALL NOT COMMENCE UNTIL AFTER THE DRIVEWAY HAS THE BASE COURSE TO DESIGN ELEVATION AND THE ASSOCIATED DRAINAGE IS COMPLETE AND STABLE.

**SEEDING GUIDE**

MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 Sq. Ft.
A. TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
RED TOP	2	0.05
TOTAL	42	0.95
B. TALL FESCUE	15	0.35
CREeping RED FESCUE	10	0.25
CROWN VETCH OR FLAT PEA	15	0.35
TOTAL	40 OR 55	0.95 OR 1.35
C. TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
BIRDS FOOT TREFOL	8	0.20
TOTAL	48	1.10
D. TALL FESCUE	20	0.45
FLAT PEA	30	0.75
TOTAL	50	1.20
E. CREeping RED FESCUE 1/	50	1.15
KENTUCKY BLUEGRASS 1/	50	1.15
TOTAL	100	2.30
F. TALL FESCUE 1	150	3.60

1/ FOR HEAVY USE ATHLETIC FIELDS CONSULT THE UNIVERSITY OF NEW HAMPSHIRE COOPERATIVE EXTENSION TURF SPECIALIST FOR CURRENT VARIETIES AND SEEDING RATES.

**SEEDING RATES**

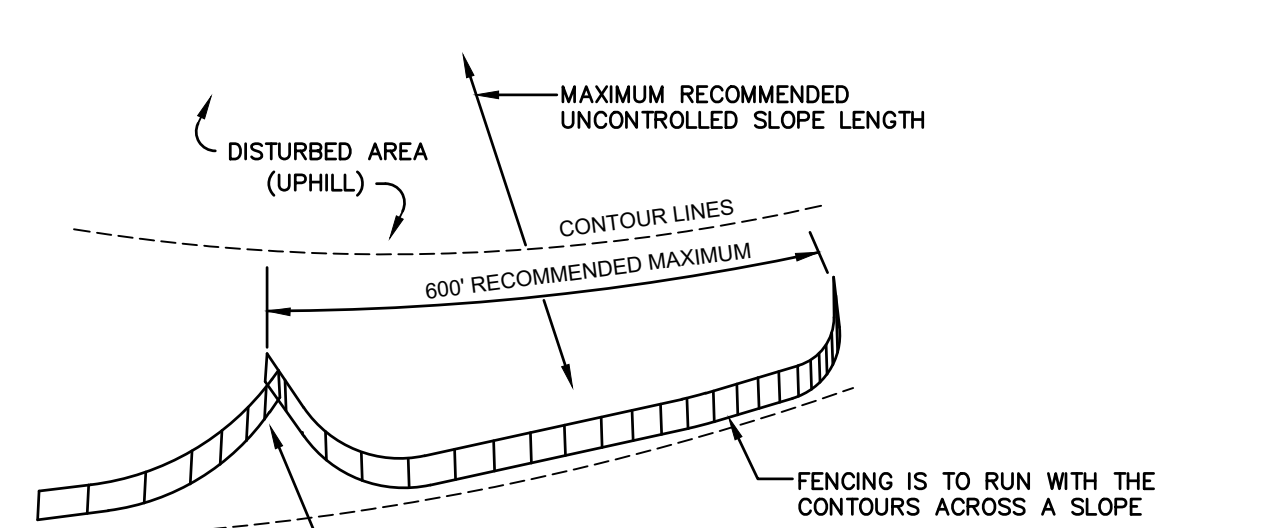


**CONSTRUCTION SPECIFICATIONS:**

- WOVEN FABRIC FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP, MID AND BOTTOM AND EMBEDDED IN THE GROUND A MINIMUM OF 8" AND THEN COVERED WITH SOIL.
- THE FENCE POSTS SHALL BE A MINIMUM OF 48" LONG, SPACED A MAXIMUM 10' APART, AND DRIVEN A MINIMUM OF 16" INTO THE GROUND.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THE ENDS OF THE FABRIC SHALL BE OVERLAPPED 6", FOLDED AND STAPLED TO PREVENT SEDIMENT FROM BY-PASSING.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED AND PROPERLY DISPOSED OF WHEN IT IS 6" DEEP OR VISIBLE 'BULGES' DEVELOP IN THE SILT FENCE.
- PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE.
- SILT FENCE SHALL REMAIN IN PLACE FOR 24 MONTHS.

**SILT FENCE**

NOT TO SCALE



**MAINTENANCE:**

- SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE DONE IMMEDIATELY.
- IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER.
- SEDIMENT DEPOSITS THAT ARE REMOVED, OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED, SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

Design: WGM | Draft: GDR | Date: 5/26/23  
 Checked: WGM | Scale: AS NOTED | Project No.: 22031  
 Drawing Name: 22031-PLAN.dwg  
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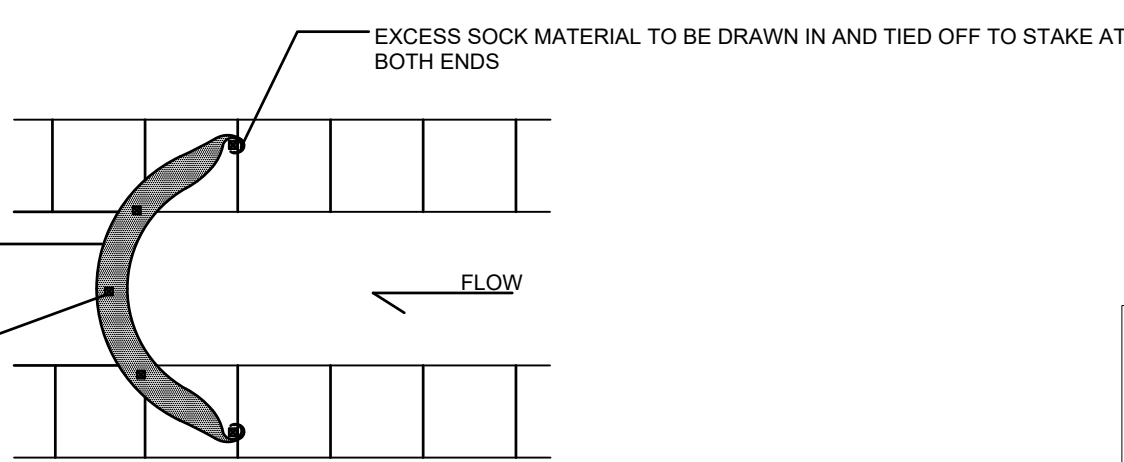
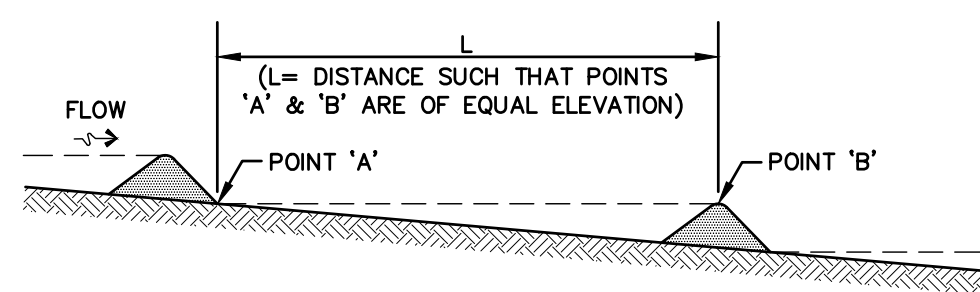
REV.	DATE	REVISION	BY
1	04/17/24	ISSUED FOR REVIEW	EMP
0	10/06/23	ISSUED FOR DESIGN REVIEW	EMP
		REVISION	BY

Designed and Produced in NH  
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Plan Name: **EROSION AND SEDIMENT CONTROL DETAILS**  
 Project: 197 LANE ROAD CONSERVATION SUBDIVISION  
 197 LANE ROAD, RAYMOND, NH  
 Owner of Record: CYNTHIA C. NYE REVOCABLE TRUST  
 112 LANE ROAD, CANDIA, NH 03034

DRAWING No. **E1**  
 SHEET 10 OF 11  
 JBE PROJECT NO. 22031

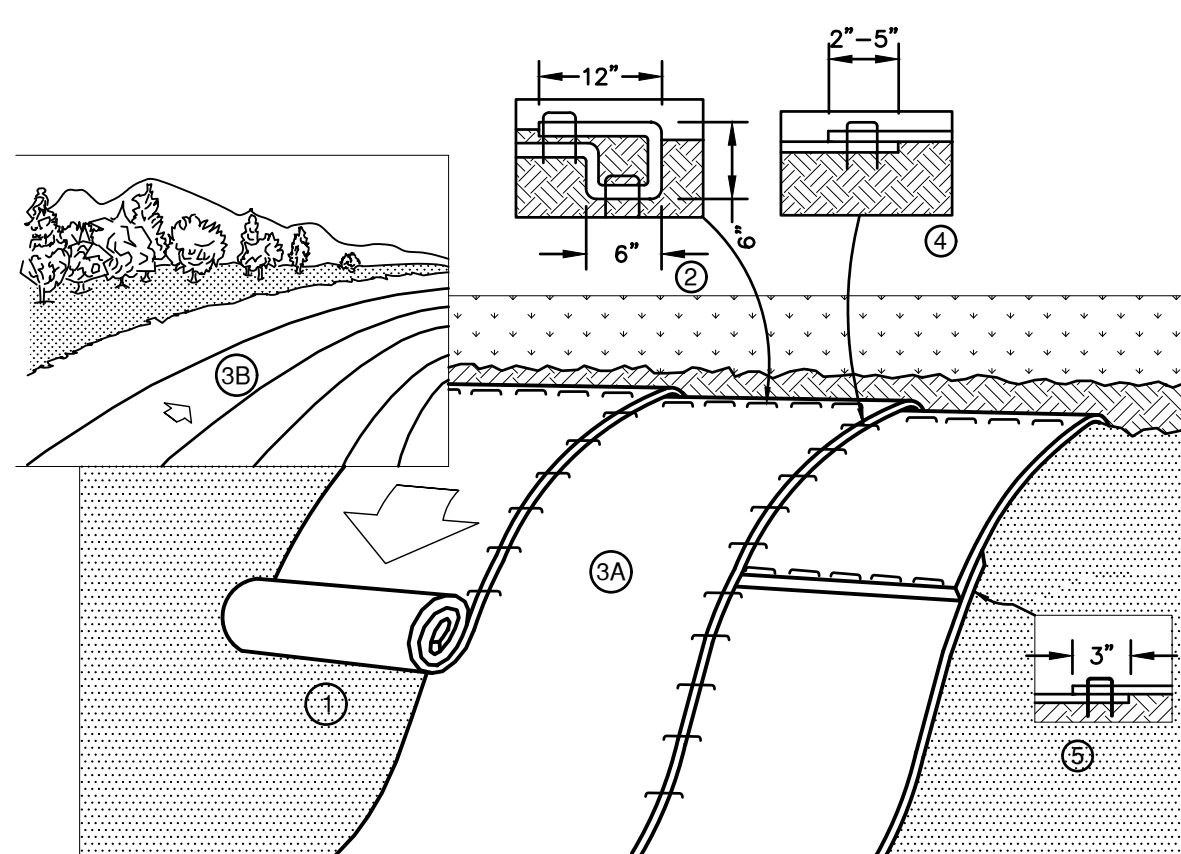




- NOTES:**
1. ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS.
  2. CHECK DAM SHOULD BE USED IN AREAS THAT DRAIN 10 ACRES OR LESS.
  3. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE CHECK DAM.
  4. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
  5. CONTRACTOR IS REQUIRED TO BE A FILTREXX CERTIFIED™ INSTALLER.

### FILTREXX TEMPORARY CHECK DAM

NOT TO SCALE



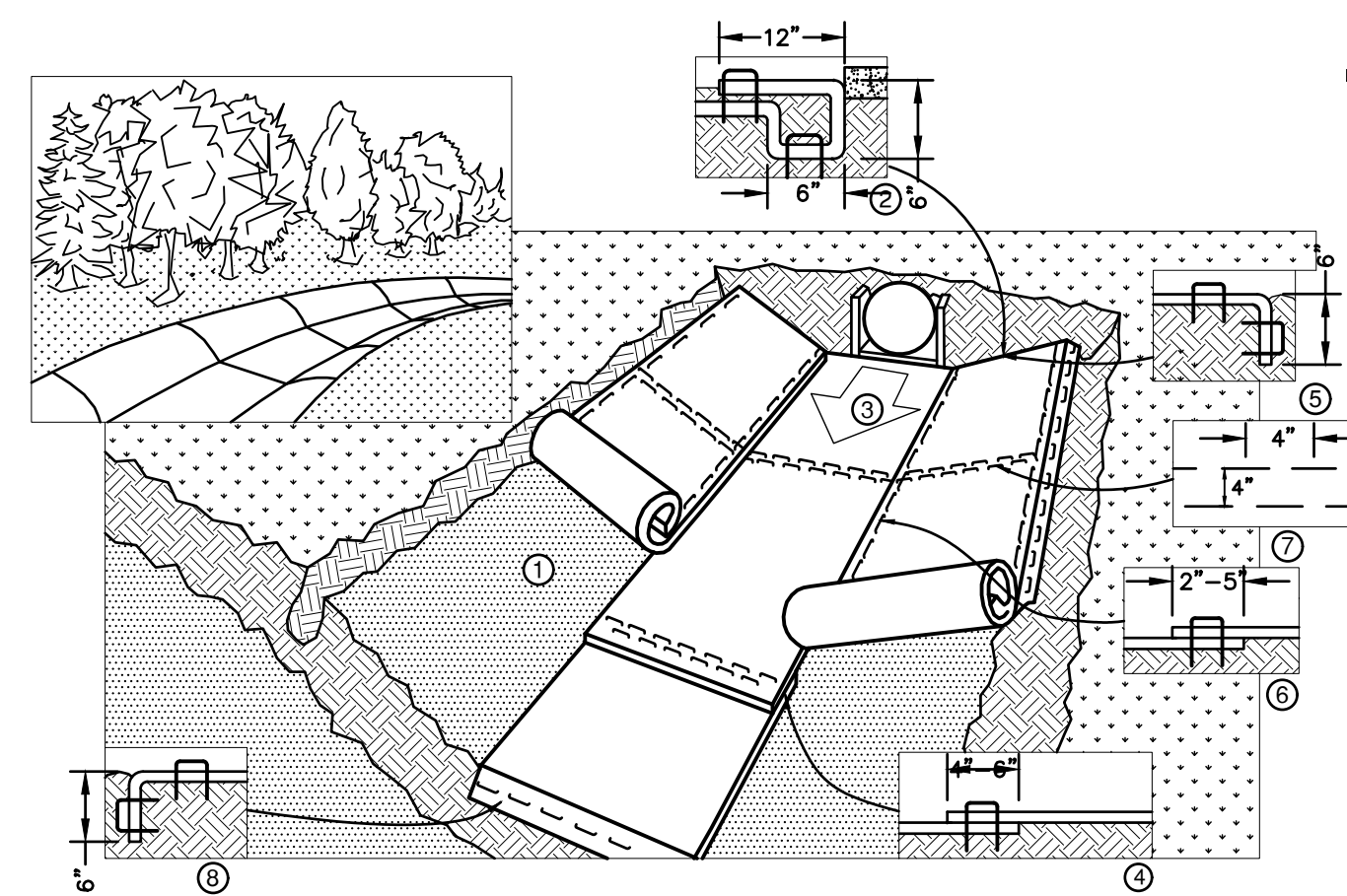
- NOTES:**
1. EROSION CONTROL BLANKET SHALL BE BIONET S75 AS PRODUCED BY NORTH AMERICAN GREEN (OR AN EQUIVALENT NATURAL MATERIAL MATTING APPROVED IN WRITING BY THE ENGINEER).
  2. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
  3. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
  4. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM™, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
  5. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
  6. CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH. NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

**NORTH AMERICAN GREEN**  
14649 HIGHWAY 41 NORTH  
EVANSVILLE, INDIANA 47725  
1-800-772-2040

(North American Green)

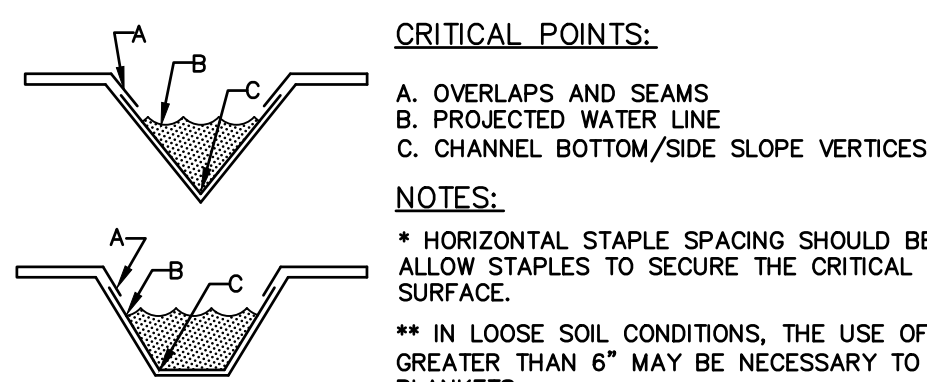
### EROSION CONTROL BLANKET SLOPE INSTALLATION

NOT TO SCALE



- NOTES:**
1. EROSION CONTROL BLANKET SHALL BE BIONET S75 AS PRODUCED BY NORTH AMERICAN GREEN (OR AN EQUIVALENT NATURAL MATERIAL MATTING APPROVED IN WRITING BY THE ENGINEER).
  2. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
  3. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
  4. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM™, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
  5. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4"-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
  6. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
  7. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 2"-5" (DEPENDING ON BLANKET TYPE) AND STAPLED. TO INSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE BLANKET BEING OVERLAPPED.
  8. IN HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
  9. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

**NORTH AMERICAN GREEN**  
14649 HIGHWAY 41 NORTH  
EVANSVILLE, INDIANA 47725  
1-800-772-2040



### EROSION CONTROL BLANKET SWALE INSTALLATION (North American Green)

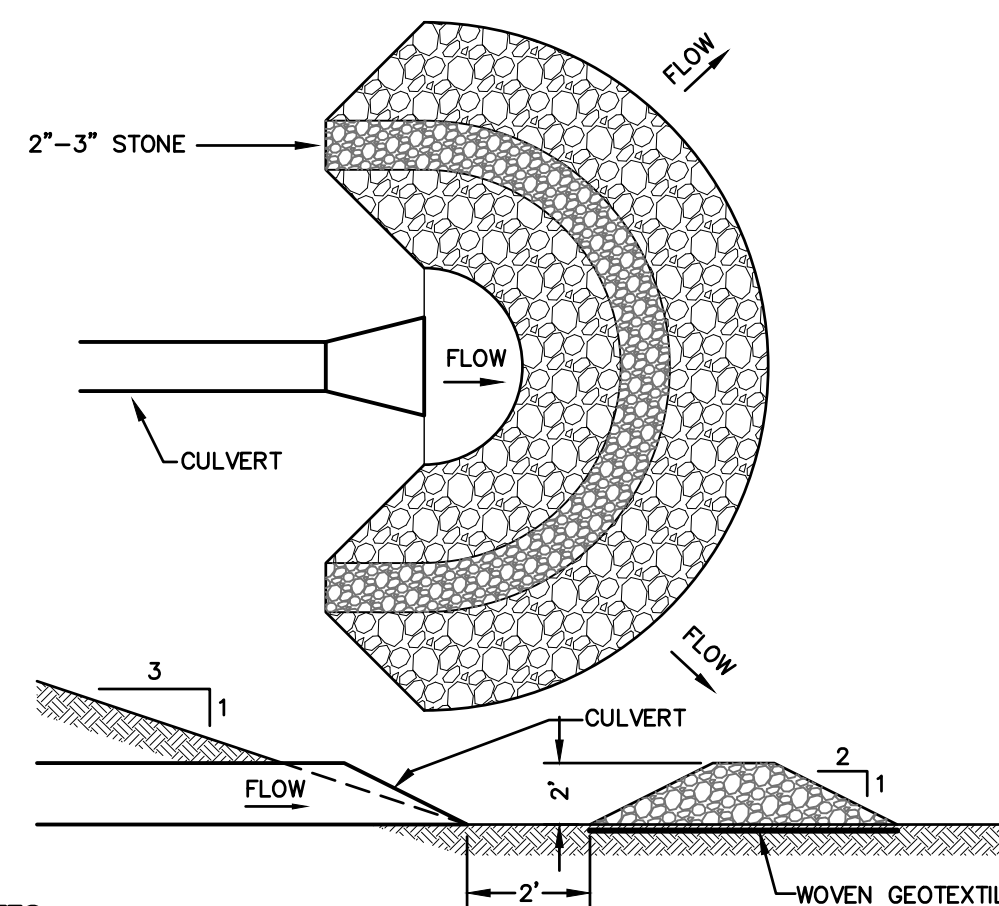
NOT TO SCALE

### NOTES:

1. STONE FOR STABILIZED CONSTRUCTION ENTRANCE SHALL BE 3 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, 75' WITHOUT A MOUNTABLE BERM, AND EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
3. THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
4. THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS, OR 10 FEET, WHICHEVER IS GREATER.
5. GEOTEXTILE FILTER FABRIC SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE. FILTER FABRIC IS NOT REQUIRED FOR A SINGLE FAMILY RESIDENTIAL LOT.
6. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A STONE BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
7. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO THE PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.

### STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE

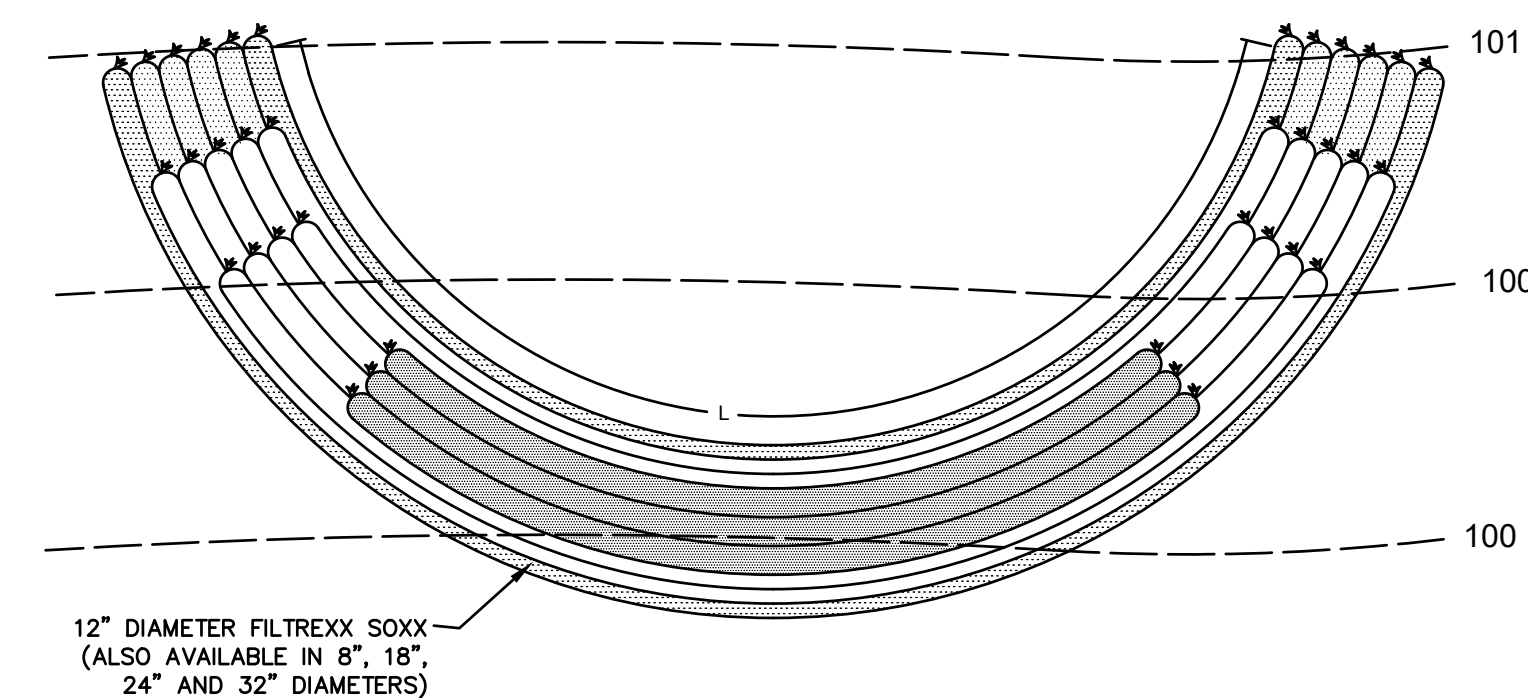


### NOTES:

1. TEMPORARY CULVERT INLET PROTECTION CHECK DAMS SHALL BE CONSTRUCTED OF 2-3" STONE OVER WOVEN GEOTEXTILE FABRIC.
2. SEDIMENT SHALL BE REMOVED FROM BEHIND THE STRUCTURE WHEN IT HAS ACCUMULATED TO ONE HALF THE ORIGINAL HEIGHT OF THE STRUCTURE.
3. STRUCTURE SHALL BE REMOVED WHEN THE SITE IS STABILIZED WITH THE PROPOSED RIP RAP FIELD. AREAS OUTSIDE THE RIP RAP FIELD ARE TO BE VEGETATED AND SMOOTHED.

### TEMPORARY CULVERT OUTLET PROTECTION CHECK DAM

NOT TO SCALE

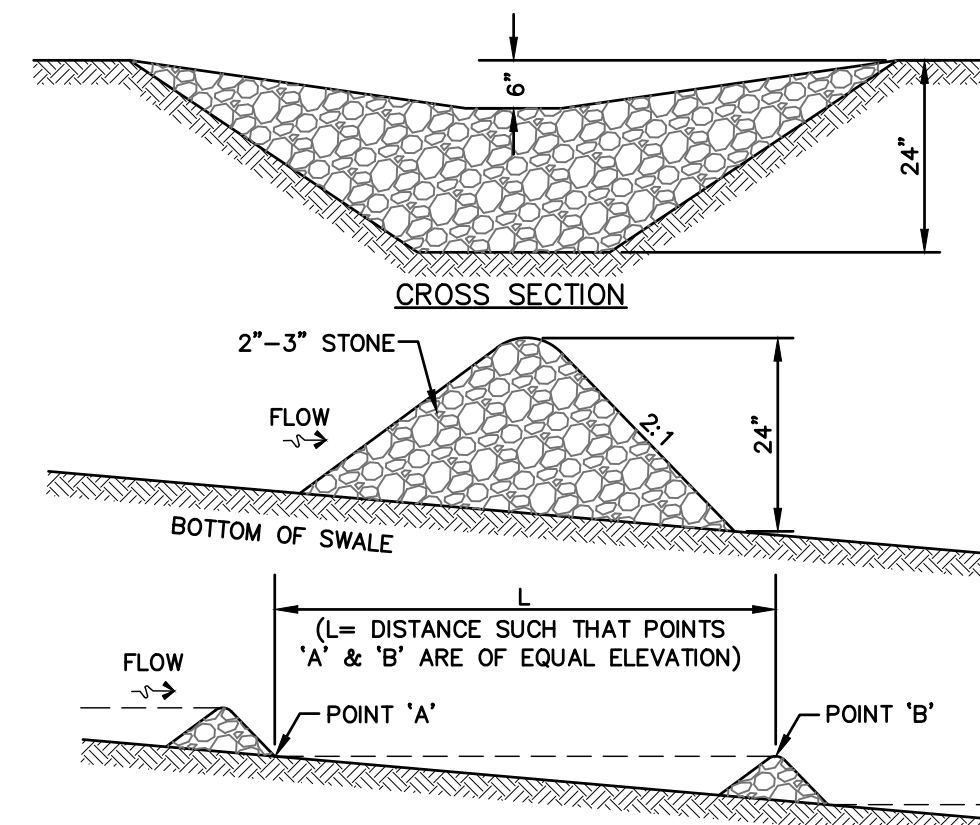
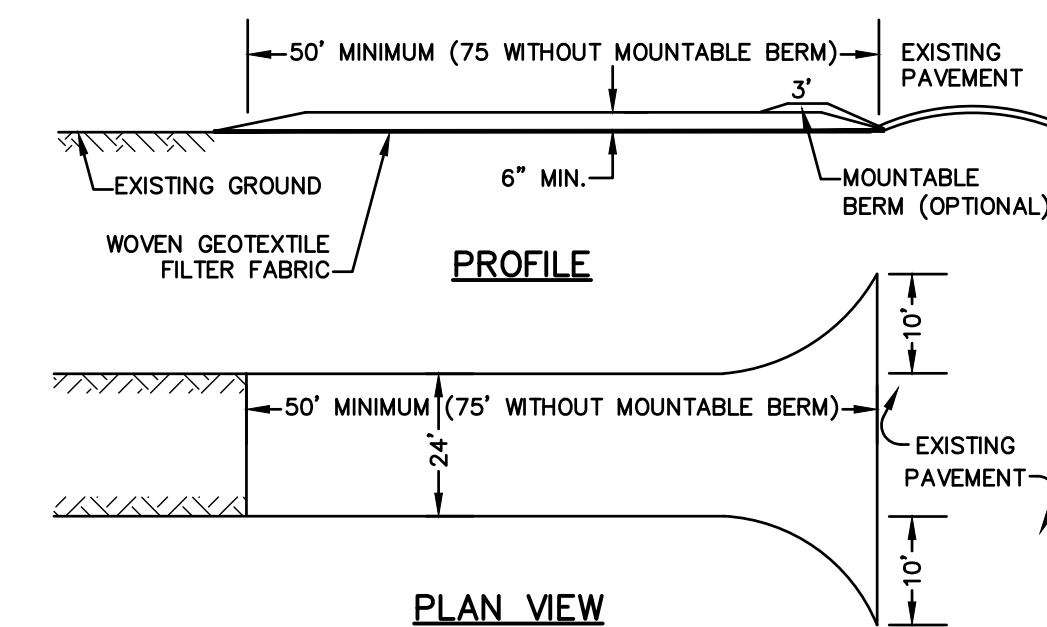


### NOTES:

1. FILTREXX SEDIMENT TRAP MUST BE INSTALLED BY FILTREXX CERTIFIED INSTALLER.
2. FILTREXX SEDIMENT TRAP MUST BE COMPLY WITH ALL FILTREXX STANDARD SPECIFICATIONS.
3. FILTREXX SEDIMENT TRAP MUST USE FILTREXX FILTERMEDIA.
4. FILTREXX SEDIMENT TRAP BARRIER FACE SIZING SHALL USE Q/0.98CFM(PER SF OF AREA FACE) = A (Q=5L/SEC/SQ.M)
5. FILTREXX SEDIMENT TRAP BARRIER FACE SHALL BE MEASURED AS A=L*D.
6. FILTREXX SEDIMENT TRAP SHALL BE CONSTRUCTED SO THAT THE MINIMUM BASE WIDTH IS EQUIVALENT TO THE HEIGHT (1H:1V).
7. SEDIMENT ACCUMULATION SHALL NOT EXCEED 1/4 THE HEIGHT OF THE BARRIER.
8. FILTREXX SEDIMENT TRAP SHALL BE INSPECTED AND MAINTAINED AFTER STORM EVENTS.
9. SOXX SHALL BE OF LARGER DIAMETER AT THE BASE OF THE SEDIMENT TRAP AND DECREASE IN DIAMETER FOR SUCCESSIVE LAYERS.
10. ENDS OF THE SEDIMENT TRAP SHALL BE A MINIMUM 1 FT (30 CM) HIGHER IN ELEVATION THAN THE MID-SECTION, WHICH SHALL BE AT THE LOWEST ELEVATION.
11. BOTTOM LAYER OF SOXX SHALL BE STAKED WITH 2X2X36" WOODEN STAKES. SUCCESSIVE LAYERS SHALL BE STAKED WITH 1/2" REBAR AT A 45 DEGREE ANGLE.

### FILTREXX SEDIMENT TRAP DETAIL

NOT TO SCALE

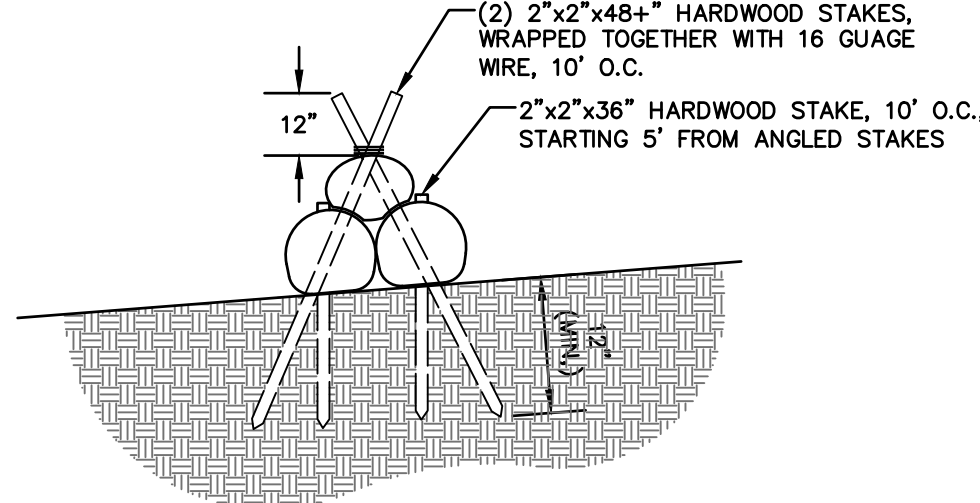


### MAINTENANCE NOTE:

1. STONE CHECK DAMS SHOULD BE CHECKED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY NECESSARY REPAIRS SHOULD BE MADE IMMEDIATELY. PARTICULAR ATTENTION SHOULD BE GIVEN TO END RUN AND EROSION AT THE DOWNSTREAM TOE OF THE STRUCTURE. WHEN THE STRUCTURES ARE REMOVED, THE DISTURBED PORTION SHOULD BE BROUGHT TO THE EXISTING CHANNEL GRADE AND THE AREAS PREPARED, SEEDED AND MULCHED. WHILE THIS PRACTICE IS NOT INTENDED TO BE USED PRIMARILY FOR SEDIMENT TRAPPING, SOME SEDIMENT WILL ACCUMULATE BEHIND THE STRUCTURES. SEDIMENT SHALL BE REMOVED FROM BEHIND THE STRUCTURES WHEN IT HAS ACCUMULATED TO ONE HALF OF THE ORIGINAL HEIGHT OF THE STRUCTURE.

### STONE CHECK DAM

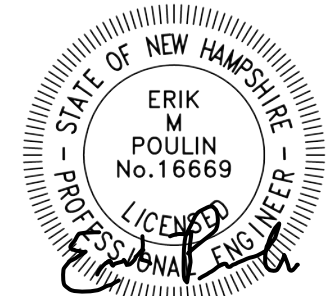
NOT TO SCALE



### GENERAL NOTES:

1. THE TRAP SHALL BE INSTALLED AS CLOSE TO THE DISTURBED AREA OR SOURCE OF SEDIMENT AS POSSIBLE.
2. THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE TRAP SHALL BE LESS THAN 5 ACRES.
3. THE MINIMUM VOLUME OF THE TRAP SHALL BE 3,600 CUBIC FEET OF STORAGE FOR EACH ACRE OF DRAINAGE AREA.
4. THE SIDE SLOPES OF THE TRAP SHALL BE 3:1 OR FLATTER, AND SHALL BE STABILIZED IMMEDIATELY AFTER THEIR CONSTRUCTION.
5. THE OUTLET OF THE TRAP SHALL BE A MINIMUM OF ONE FOOT BELOW THE CREST OF THE TRAP AND SHALL DISCHARGE TO A STABILIZED AREA.
6. THE TRAP SHALL BE CLEANED WHEN 50% OF THE ORIGINAL VOLUME IS FILLED.
7. THE MATERIALS REMOVED FROM THE TRAP SHALL BE PROPERLY DISPOSED OFF AND STABILIZED.

Design: WGM	Draft: GDR	Date: 5/26/23
Checked: WGM	Scale: AS NOTED	Project No.: 22031
Drawing Name: 22031-PLAN.dwg		
THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.		



REV.	DATE	REVISION	BY
1	04/17/24	ISSUED FOR REVIEW	EMP
0	10/06/23	ISSUED FOR DESIGN REVIEW	EMP
		REVISION	BY

Designed and Produced in NH

**J/B Jones & Beach Engineers, Inc.**

85 Portsmouth Ave. Stratham, NH 03885

Civil Engineering Services

603-772-4746  
FAX: 603-772-0227  
E-MAIL: JBE@JONESANDBEACH.COM

Plan Name:	EROSION AND SEDIMENT CONTROL DETAILS
Project:	197 LANE ROAD CONSERVATION SUBDIVISION 197 LANE ROAD, RAYMOND, NH
Owner of Record:	CYNTHIA C. NYE REVOCABLE TRUST 112 LANE ROAD, CANDIA, NH 03034

DRAWING No.	E2
SHEET 11 OF 11	JBE PROJECT NO. 22031

# JONES & BEACH ENGINEERS INC.

85 Portsmouth Avenue, PO Box 219, Stratham, NH 03885  
603.772.4746 - JonesandBeach.com

April 17, 2024

Raymond Planning Board  
Attn. Diana Luszczyk, Chair  
4 Epping Street  
Raymond, NH 03077

**RE: Subdivision & Special Permit Application  
197 Lane Road, Raymond, NH  
Tax Map 19, Lots 3 & 5  
JBE Project No. 22031**

Dear Ms. Luszczyk,

Jones & Beach Engineers, Inc. respectfully submits a Subdivision & Special Permit Application for the above-referenced parcels on behalf of our client, Douglas Nye. The intent of this application is to propose a conservation subdivision at 197 Lane Road with 6 residential lots.

The following items are provided in support of this Application:

1. Subdivision & Special Permit Application and Checklist.
2. Letter of Authorization.
3. Current Deed.
4. Eversource Letter.
5. Test Pit Logs.
6. Fee Check.
7. Abutters List & Mailing Labels (3 sets).
8. Tax Map.
9. Six (6) Full Size Plan Sets.
10. Ten (10) Half Size Plan Sets.

If you have any questions or need any additional information, please feel free to contact our office. Thank you very much for your time.

Very truly yours,  
**JONES & BEACH ENGINEERS, INC.**



Erik Poulin, P.E.  
Associate / Project Manager

cc: Douglas Nye, Owner (via email)  
Jeff Adler, DuBois & King (via email & U.S. Mail)





# Application for Special Permit

## Town of Raymond, NH

### Site Information

Property Address: 197 Lane Road, Raymond, NH

Map #: 19 Lot #: 3 & 5

### Property Owner Information

Name: Cynthia C. Nye Revocable Trust Phone: 603-391-1547

Address: 112 Lane Road, Candia, NH 03034

Email Address: sevenletternye@comcast.net

### Applicant/Agent Information

Name: Erik Poulin, P.E., Jones & Beach Engineers, Inc. Phone: 603-772-4746

Address: PO Box 219, Stratham, NH 03885

Email Address: epoulin@jonesandbeach.com

### Project Description

The intent of this application is to propose a conservation subdivision at 197 Lane Road  
with 6 residential lots. The project proposes a single wetland crossing on 2,875 S.F. to  
service 5 of the 6 proposed lots.

Applicant Signature* (see page 2):

Date:

4-17-24

# Submission Checklist

- ***COMPLETED & SIGNED APPLICATION.** If the applicant is NOT the property owner, a notarized letter of permission from the property owner is required to be submitted with this application.
- **LIST OF ABUTTERS.** The list of abutters must include the following information:
  - Name of property owner(s)
  - Address of property owner(s)
  - Name of abutting property owner(s)
  - Address of abutting property owner(s)
  - Tax Map and Lot Numbers for all properties listed
  - Name and Address of any agents authorized by the applicant to represent them and whose professional seal appears on a plat submitted to the Planning Board (i.e. land surveyors, wetland scientists, engineers, etc.)

*(For more information, please refer to NH Revised Statutes Annotated 672:3 for a definition of the term "abutter," and RSA 676:4 for legal notice requirements).*

- **APPLICATION FEE.** The application fee to the Planning Board for a Special Permit is as follows:
  - \$100.00 base application fee, plus;
  - \$10.00 per abutter (including the applicant, property owner(s), and any agents authorized to represent the property owner(s))
  - **When writing a check, this amount must be kept separate from the Escrow Account (see below).** Please make checks payable to the Town of Raymond.
- **ESCROW ACCOUNT.** This is a separate account established by the applicant to cover the cost of any additional legal notification, engineering review, legal review, document recording or outside copying incurred by the Town. Any unused funds will be returned to the applicant.
  - \$250.00 – Minimum amount required to establish Escrow Account.
  - **When writing a check, this amount must be kept separate from the Application Fee (see above).** Please make checks payable to the Town of Raymond.
- **PLANS.**
  - One (1) 24" x 36" copy of the plan, plus ten (10) 11" x 17" copies shall be provided.
  - OR-
  - If the original plan is smaller than 24" x 36" in size, then one (1) copy of the original plan, plus ten (10) 11" x 17" copies of the plan shall be provided.



# SUBDIVISION APPLICATION

## Town of Raymond NH

Map # 10 Lot # 3 & 5 Application Date April 5, 2024 Application # _____

Project Name: 197 Lane Road Conservation Subdivision

Location: 197 Lane Road, Raymond, NH

Project Description: The intent of this project is to propose a conservation subdivision with 6 residential lots.

Zone: New Industrial / Commercial Square Footage: _____ or Number of Residential Units: 6  
B- Residential

### Applicant/Agent Information:

Name: Erik Poulin, P.E. Phone: 603-772-4746

Company: Jones & Beach Engineers, Inc. Email: epoulin@jonesandbeach.com

Address: PO Box 219, Stratham, NH 03885

Signed*:  Date: 4-5-24

***Requires notarized letter of permission.**

*By signing this application, you are agreeing to all rules and regulations of the Town of Raymond, and are agreeing to allow agents of the Town of Raymond to conduct inspections, during normal business hours to ensure compliance with all Raymond Zoning and Site Review regulations while your application is under consideration and during any construction and operational phases after approval is granted.*

### **Owner Information:**

Name: Cynthia C. Nye Revocable Trust Phone: 603-391-1547

Company: _____ Email: sevenletternye@comcast.net

Address: 112 Lane Road, Candia, NH 03034

Signed:  Date: 4.8.24

### **Designers of Record:**

Engineer: Erik Poulin, P.E., Jones & Beach Engineers, Inc.

Surveyor: David Collier, LLS, Jones & Beach Engineers, Inc.

Soil Scientist: N/A

Landscape Architect: N/A

Fees: See Attached Fee Schedule

### **FOR OFFICE USE ONLY**

Date Application Received: _____ Total Fees Collected with Application: \$ _____ Abuffers

List Received: _____ Check List Received: _____

PB Hearing Date: _____ Notice Date: _____

PB Application Acceptance Date: _____





# Subdivision Checklist

TOWN OF RAYMOND, NH

PROJECT NAME 197 Lane Road Conservation Subdivision

MAP# 19 LOT # 3 & 5 APPLICATION DATE April 5, 2024 APPLICATION # _____

This checklist can be used for either a major or minor subdivision. For a minor subdivision, several of the items would likely be waived by the Planning Board due to lack of relevancy (e.g., topographic or soils data) The Board, however, reserves the right to require that all items be met if, in its judgment, the data are necessary to make an informed decision.

*A copy of all plans and technical reports must be sent to the Town engineer. Proof of submittal must be provided to the Community Development Department at the time of application. If proof of transmittal is not provided, the application may be delayed until the following month's Planning Board meeting. Address is: Dubois & King, 18 Constitution Dr., Bedford NH 03110, ATTN: Jeff Adler.*

SUBMITTED			WAIVED	
YES	NO		YES	NO
<u>X</u>	___	1. Name of subdivision; name and address of subdivider.	___	___
<u>X</u>	___	2. Name, license number and seal of surveyor or other persons north arrow, scale and date of plan.	___	___
<u>X</u>	___	3. Names and addresses of all abutters and all holders of conservation preservation or agricultural preservation easements (on the plat or on separate sheet.)	___	___
<u>X</u>	___	4. Locus plan, showing zoning designations	___	___
<u>X</u>	___	5. Signature block for Planning Board endorsement.	___	___
<u>X</u>	___	6. Names of abutting subdivisions, streets, driveways, easements, building lines, parks/public spaces, notation of use of abutting land, and similar facts regarding abutting properties.	___	___
<u>X</u>	___	7. Boundary survey and location of permanent markers.	___	___
<u>X</u>	___	8. Location of property lines, lot areas in square feet and acres; lots numbered According to Town tax map system.	___	___
<u>X</u>	___	9. Location and amount of frontage on public right-of-way	___	___
<u>X</u>	___	10. Location of building setback lines.	___	___
<u>X</u>	___	11. Existing and/or proposed buildings, other structures.	___	___
<u>X</u>	___	12. Location of any existing or proposed easements, land to be dedicated to public use.	___	___
<u>X</u>	___	13. Existing and proposed water mains, culverts, drains, sewers; proposed connections or alternative means of providing water supply and sewage disposal.	___	___



# Subdivision Checklist

TOWN OF RAYMOND, NH

SUBMITTED			WAIVED	
YES	NO		YES	NO
<u>X</u>	___	14. Existing and proposed streets, with names, classification, width of travel surface and rights-of-way.	___	___
___	___	15. Final road profiles, centerline stationing, cross sections.	___	___
<u>X</u>	___	16. Location and width of existing and proposed driveways.	___	___
<u>X</u>	___	17. Location of all surface water, wetlands, rock ledges, stone walls, open space to be preserved, and any other man-made or natural features.	___	___
<u>X</u>	___	18. Existing and proposed topographic contours.	___	___
<u>X</u>	___	19. Soil and wetland delineation. <i>(see: requirements for soils and wetlands data).</i>	___	___
<u>X</u>	___	20. Location of perc tests, test results, outline of 4,000 area, applicable septic square-foot septic setback lines.	___	___
<u>X</u>	___	21. Location of existing and proposed wells, with required radius on property.	___	___
<u>X</u>	___	22. Base flood elevations.	___	___
<b>OTHER:</b>				
<u>X</u>	___	23. Plans for stormwater management and erosion control.	___	___
___	___	24. Copy of state subdivision approval for septic system.	___	___
___	___	25. Alteration of Terrain Permit.	___	___
<u>X</u>	___	26. Town or DOT Driveway Permit	___	___
<u>X</u>	___	27. Copies of any proposed or existing easements, deed restrictions, covenants, and street deeds.	___	___
___	___	28. Such additional studies as may be required.	___	___
<u>X</u>	___	29. Six (6) full-size copies of all plans and ten (10) copies of all plans in 11 X 17 format, and digital copy of plans. *	___	___
<u>X</u>	___	30. Three (3) copies of all studies*	___	___
<b>FEES</b>				
<u>X</u>	___	1. Application Fees		
<u>X</u>	___	2. Abutters Notice Fees <i>(to include three (3) labels per abutter)</i>		
<u>X</u>	___	3. Engineering and Legal Review Escrow		

**SUBDIVISION FEES**

Fee Schedule by # of New Lots	
1	\$356
2	\$431
3	\$506
4	\$793
5	\$868
6	\$943
7	\$1,018
8	\$1,093
9	\$1,379
10	\$1,454
11	\$1,529
12	\$1,604
13	\$1,679
14	\$1,965
15	\$2,040
16	\$2,115
17	\$2,190
18	\$2,265
19	\$2,551
20	\$2,626
21	\$2,701
22	\$2,776
23	\$2,851

How to calculate your fees:

1. Using the chart to the left, take the proper amount that corresponds with the number of new lots you are proposing to create. *If you are proposing over 23 lots, see special instructions below the fee schedule chart.*
2. Add \$10.00 for each abutter that you have. 17 abutters
3. Total up items 1 & 2. This is your application fee.
4. See the chart at the bottom of the page to find your required escrow deposit.

**NOTE:**  
**BASE RATE: \$300.00**  
 (includes staff wages with a 23% roll-up rate)  
  
**VARIABLE RATE: \$75.00**  
 (install poles, reflective plates, materials & labor and mapping updates)

TOTAL = \$1,113.00

**NOTE:**  
 For each lot over 23, use the **Base Rate (\$300.00)** multiplied by **4.75**, added to the **Variable Rate (\$75.00)** multiplied by the **number of new lots**.  
  
**(BR x 4.75) + (VR x Z)**  
*{Z is the # of new lots}*

**An Escrow deposit for Legal/Engineering Review is also required!**

Escrow Deposits for Legal & Engineering Review	
Type	Fee
Minor Subdivision (TBD by the TRC)	\$850.00
Major Subdivision up to 8 lots	\$1,250.00
9 to 13 lots	\$1,850.00
14 to 18 lots	\$2,250.00
19 to 23 lots	\$2,500.00
23 to 30 lots	\$2,750.00
Over 30 lots	TBD by Town Engineer or Legal Counsel

Escrow = \$1,250.00

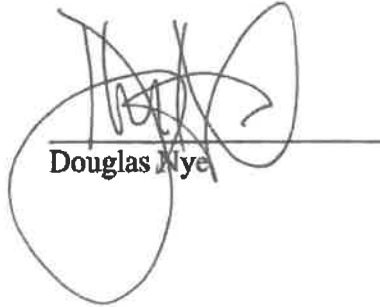
**NOTE: Once a balance is reduced to 50% of the original deposit, the applicant shall replenish it to 100% of the amount initially required by this schedule.**

**Letter of Authorization**

I, Douglas Nye, authorized signatory of Cynthia C. Nye Revocable Trust of 112 Lane Road, Candia, NH 03034, owner of property located in Raymond, NH, known as Tax Map 19, Lot 3 & 5, do hereby authorize Jones & Beach Engineers, Inc., PO Box 219, Stratham, NH, to act on my behalf concerning the previously-mentioned property. The parcel is located on 197 Lane Road in Raymond, NH.

I hereby appoint Jones & Beach Engineers, Inc., as my agent to act on my behalf in the review process, to include any required signatures.

  
Witness

  
Douglas Nye

9.22.23  
Date



Return to:  
Cynthia C. Nye  
112 Lane Road  
Candia, NH 03034

LCHIP	ROA607038	25.00
TRANSFER TAX	RO113325	3,750.00
RECORDING		22.00
SURCHARGE		2.00

FIDUCIARY DEED

I, Maria Antonios, married, Executrix of the Estate of Edvard G. Hovnanian aka Edward G. Hovnanian, of 72 Pond Lane, Randolph, MA 02368, by the power conferred under New Hampshire RSA 559:18 and every other power, together with the attached Consents, for consideration paid in the amount of Two Hundred Fifty Thousand and 00/100 (\$250,000.00) grant to Cynthia C. Nye, Trustee of the Cynthia C. Nye Revocable Trust, of 112 Lane Road, Candia, NH 03034, the following described premises:

A certain tract or parcel of land, with the buildings thereon, situated partly in Raymond and partly in Candia, County of Rockingham, State of New Hampshire, on the main road leading from Candia to Raymond south of the dwelling now or formerly of John O. Wason and north of land now or formerly of Harriet Emery, bounded and described as follows, to wit:

Beginning at the westerly corner of the land now or formerly of John O. Wason;

1. Running Northeasterly by said Wason land and land now or formerly of David Horrison to land now or formerly of W. E. Sargent;
2. Turn ing and running Easterly by land of said Sargent to land now or formerly of George W. Clark;
3. Turning and running Southerly by land now or formerly of one Wason and land now or formerly of Harriet Emery to said highway;
4. Turning and running Westerly by said highway to the point of beginning.

Excepting out all the portion of the above described property lying in Candia as conveyed out in deed recorded in Book 2827, Page 345.

Subject to easement to PSNH recorded in Book 1955, Page 76.

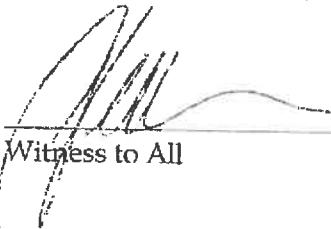


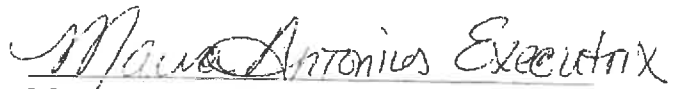
Subject to current use taxation recorded in Book 2363, Page 1807 and Book 2256, Page 1751.

This is not homestead property of the within grantor or her spouse.

Meaning and intending to describe and convey the same premises conveyed by Warranty Deed from Gladys S. Smith and Jane Alden to Edward G. Hovnanian, dated June 18, 1964 and recorded in Book 1721, Page 447 of the Rockingham County Registry of Deeds. See also Estate of Edward G. Hovnanian 10th Circuit Probate Court -Brentwood Case #318-2021-ET-01303.

Executed this 11th day of February, 2022.


  
Witness to All

  
Maria Antonios, Executrix of the Estate of  
Edvard G. Hovnanian aka Edward G.  
Hovnanian

STATE OF NEW HAMPSHIRE

Hillsborough, SS


Then personally appeared before me on this 11th day of February, 2022, the said Maria Antonios, Executrix of the Estate of Edvard G. Hovnanian aka Edward G. Hovnanian and acknowledged the foregoing to be her voluntary act and deed.

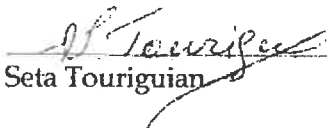
  
Notary Public/Justice of the Peace  
My commission expires: 11/25/2024



CONSENT TO SALE OF REAL ESTATE  
Estate of Edvard Hovnanian  
10th Circuit Probate Division - Brentwood  
318-2021-ET-01303

I, Seta Touriguan of 1 3475 Blvd. Toupin VS Laurent, Quebec Canada, H4K1Z2, being a devisee of under the Will of Edvard Hovnanian, do hereby consent to the sale of the real estate situated at 197 Lane Road, Raymond, NH 03077 to Cynthia C. Nye, Trustee of the Cynthia C. Nye Revocable Trust for a purchase price of \$250,000.00.

  
Witness

 Date: 28.01.2022  
Seta Touriguan

CONSENT TO SALE OF REAL ESTATE  
Estate of Edvard Hovnanian  
10th Circuit Probate Division - Brentwood  
318-2021-ET-01303

I, Sossy Daghlian a/k/a Sosig Daghlian of 1 Decelle Dr., Apt 210 Randolph MA 02368, being a devisee of under the Will of Edvard Hovnanian , do hereby consent to the sale of the real estate situated at 197 Lane Road, Raymond, NH 03077 to Cynthia C. Nye, Trustee of the Cynthia C. Nye Revocable Trust for a purchase price of \$250,000.00.

  
_____  
Witness

 Date: 2-11-22  
_____  
Sossy Daghlian



Eversource Energy  
c/o Chris Polson, Real Estate Dept  
PO Box 330  
Manchester NH 03105

DATE 11/16/23

Re: Crossing Abutting Eversource Property

Dear Raymond Planning Board:

I represent the Real Estate Department at Eversource Energy, and have been working with Mr Nye on granting access across Eversource property, Tax Map 19, Lot 4, on Lane Rd in Raymond. Eversource agrees in principle to allow a private roadway across the property for the sake of the proposed development of Tax map 19, Lot 5. Eversource does reserve the right to review final design prior to granting the roadway access.

You may contact me if you have any questions.

Sincerely,

Chris Polson  
Contractor to Eversource  
T & D Rights and Survey

Phone - (603)-769-7837  
[Christopher.polson@eversource.com](mailto:Christopher.polson@eversource.com)



**TEST PITS  
FOR  
197 Lane Road  
Raymond  
October 23, 2023  
JBE Project No. 22031**

Performed by: Anthony Jones, Jones & Beach Engineers, Inc., SSD #1900

**Test Pit #1**

0"- 6"	10 YR 3/2	very dark grayish brown fine sandy loam blocky, friable common roots
6"- 20"	2.5YR 5/6	yellowish brown loamy sand blocky, friable common roots
20"- 48"	2.5 YR 5/4	light olive brown sand massive, friable many distinct

SHWT = 20"

Roots to 26"

No H₂O

No Refusal observed

Perc Rate = 14 min/inch

**Test Pit #2**

0"- 4"	10 YR 3/2	very dark grayish brown fine sandy loam blocky, friable many roots
4"- 21"	2.5YR 5/6	yellowish brown loamy sand blocky, friable common roots
21"- 50"	2.5 YR 5/4	light olive brown sand massive, friable many distinct

SHWT = 21"  
Roots to 24"  
H₂O @ 38"  
No Refusal observed  
Perc Rate = 14 min/inch

**Test Pit #3**

0"- 8"	10 YR 3/2	very dark grayish brown fine sandy loam blocky, friable common roots
8"- 20"	2.5YR 5/6	yellowish brown loamy sand blocky, friable few roots
20"- 48"	2.5 YR 5/4	light olive brown sand massive, friable many distinct

SHWT = 20"  
Roots to 24"  
H₂O @38"  
No Refusal observed  
Perc Rate = 14 min/inch

**Test Pit #4**

0"- 6"	10 YR 3/2	very dark grayish brown fine sandy loam blocky, friable many roots
6"- 22"	2.5YR 5/6	yellowish brown loamy sand blocky, friable many roots
22"- 51"	2.5 YR 5/4	light olive brown sand massive, friable many distinct

SHWT = 22"  
 Roots to 26"  
 H₂O @ 36"  
 No Refusal observed  
 Perc Rate = 14 min/inch

**Test Pit #5**

0"- 6"	10 YR 3/2	very dark grayish brown fine sandy loam blocky, friable many roots
6"- 20"	2.5YR 5/6	yellowish brown loamy sand blocky, friable common roots
20"- 48"	2.5 YR 5/4	light olive brown sand massive, friable many distinct

SHWT = 20"  
 Roots to 24"  
 H₂O @ 36"  
 No Refusal observed  
 Perc Rate = 14 min/inch

**Test Pit #6**

0"- 8"	10 YR 3/2	very dark grayish brown fine sandy loam blocky, friable many roots
8"- 22"	2.5YR 5/6	yellowish brown loamy sand blocky, friable common roots
22"- 50"	2.5 YR 5/4	light olive brown sand massive, friable many distinct

SHWT = 22"  
 Roots to 24"  
 H₂O @38"  
 No Refusal observed  
 Perc Rate = 14 min/inch

**Test Pit #7**

0"- 6"	10 YR 3/2	very dark grayish brown fine sandy loam blocky, friable many roots
6"- 21"	2.5YR 5/6	yellowish brown loamy sand blocky, friable common roots
21"- 49"	2.5 YR 5/4	light olive brown sand massive, friable many distinct

SHWT = 21"  
 Roots to 24"  
 No H₂O  
 No Refusal observed  
 Perc Rate = 14 min/inch



**Test Pit #8**

0"- 8"

10 YR 3/3

dark brown  
fine sandy loam  
blocky, friable  
many roots

8"- 22"

2.5YR 5/6

yellowish brown  
loamy sand  
blocky, friable  
few roots

22"- 50"

2.5 YR 5/4

light olive brown  
sand  
massive, friable  
many distinct

SHWT = 22"

Roots to "

No H₂O

No Refusal observed

Perc Rate = 14 min/inch



# 0.1 feet Abutters List Report

Raymond, NH

April 05, 2024

## Subject Property:

Parcel Number: 019-000-005-000 & 019-000-003  
CAMA Number: 019-000-005-000-000  
Property Address: 197 LANE ROAD

Mailing Address: NYE, CYNTHIA C. REVOCABLE TRUST  
CYNTHIA C. NYE / TRUSTEE  
112 LANE ROAD  
CANDIA, NH 03034

## Abutters:

Parcel Number: 013-000-003-000  
CAMA Number: 013-000-003-000-000  
Property Address: TRANSMISSION LINES

Mailing Address: PUBLIC SERVICE CO OF N H DBA/  
EVERSOURCE ENERGY  
PO BOX 270  
HARTFORD, CT 06141-0270

Parcel Number: 013-000-005-000  
CAMA Number: 013-000-005-000-000  
Property Address: 185 LANE ROAD

Mailing Address: COOK, ANDREW T.  
185 LANE ROAD  
RAYMOND, NH 03077

Parcel Number: 014-001-005-000  
CAMA Number: 014-001-005-000-000  
Property Address: 181 LANE ROAD

Mailing Address: BOUCHER, RONALD J ELIZABETH ANN  
BOUCHER  
181 LANE ROAD  
RAYMOND, NH 03077

Parcel Number: 014-001-006-000  
CAMA Number: 014-001-006-000-000  
Property Address: 179 LANE ROAD

Mailing Address: KOONTZ, STEVEN & MERRILL  
179 LANE ROAD  
RAYMOND, NH 03077

Parcel Number: 014-001-007-000  
CAMA Number: 014-001-007-000-000  
Property Address: 175 LANE ROAD

Mailing Address: BREWITT, MIGUEL J & DENISE A  
175 LANE ROAD  
RAYMOND, NH 03077

Parcel Number: 019-000-001-000  
CAMA Number: 019-000-001-000-000  
Property Address: 184 LANE ROAD

Mailing Address: CRONAN, RYAN  
184 LANE ROAD  
RAYMOND, NH 03077

Parcel Number: 019-000-002-000  
CAMA Number: 019-000-002-000-000  
Property Address: LANE ROAD

Mailing Address: RAYMOND, TOWN OF  
4 EPPING STREET  
RAYMOND, NH 03077

Parcel Number: 019-000-004-000  
CAMA Number: 019-000-004-000-000  
Property Address: TRANSMISSION LINES

Mailing Address: PUBLIC SERVICE CO OF N H DBA/  
EVERSOURCE ENERGY  
PO BOX 270  
HARTFORD, CT 06141-0270

Parcel Number: 020-000-019-000  
CAMA Number: 020-000-019-000-000  
Property Address: 122 GREEN ROAD

Mailing Address: G&D REVOCABLE TRUST GREGG  
ADJUTANT & DEBORAH PARK / CO-  
TRUSTEES  
4 KELLIE LANE  
RAYMOND, NH 03077

Parcel Number: 020-000-020-000  
CAMA Number: 020-000-020-000-000  
Property Address: 126 GREEN ROAD

Mailing Address: RICHARDSON, JAMES K.  
126 GREEN ROAD  
RAYMOND, NH 03077



www.cai-tech.com

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# 0.1 feet Abutters List Report

Raymond, NH  
April 05, 2024

Parcel Number: 020-000-021-000  
CAMA Number: 020-000-021-000-000  
Property Address: 128 GREEN ROAD

Mailing Address: JOHNSON REVOCABLE TRUST ERIC &  
LAURIE JOHNSON / TRUSTEES  
128 GREEN ROAD  
RAYMOND, NH 03077

Parcel Number: 020-000-022-000  
CAMA Number: 020-000-022-000-000  
Property Address: 132 GREEN ROAD

Mailing Address: SHINER, PAUL H. & PATRICIA A.  
LYNETTE & JEFFREY COTE  
P.O. BOX 796  
RAYMOND, NH 03077

Parcel Number: 020-000-024-000  
CAMA Number: 020-000-024-000-000  
Property Address: GREEN ROAD

Mailing Address: 34 LANE ROAD, LLC  
63 LANE ROAD  
CANDIA, NH 03034

020-000-014-001-028 RIVER VALLEY DEVELOPMENT CORP., 9 PATRIOT DR, DOVER, NH 03802

JONES & BEACH ENGINEERS, INC., ATTN. ERIK POULIN, P.E. AND DAVID COLLIER, PO BOX 219, STRATHAM, NH 03885

GOVE ENVIRONMENTAL SERVICES, ATTN. BRENDEN WALDEN, 8 Continental Dr. Bldg 2, Unit H, Exeter, NH, 03833

### CANDIA ABUTTERS:

414/143  
JOSEPH LEMIEUX, III, 27 GREEN ROAD, CANDIA, NH 03034

414/146  
34 LANE ROAD, LLC, 63 LANE ROAD, CANDIA, NH 03034



www.cai-tech.com

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34 LANE ROAD, LLC  
63 LANE ROAD  
CANDIA, NH 03034

BOUCHER, RONALD J  
ELIZABETH ANN BOUCHER  
181 LANE ROAD  
RAYMOND, NH 03077

BREWITT, MIGUEL J & DENIS  
175 LANE ROAD  
RAYMOND, NH 03077

COOK, ANDREW T.  
185 LANE ROAD  
RAYMOND, NH 03077.

CRONAN, RYAN  
184 LANE ROAD  
RAYMOND, NH 03077

G&D REVOCABLE TRUST  
GREGG ADJUTANT & DEBORAH  
4 KELLIE LANE  
RAYMOND, NH 03077

JOHNSON REVOCABLE TRUST  
ERIC & LAURIE JOHNSON / T  
128 GREEN ROAD  
RAYMOND, NH 03077

KOONTZ, STEVEN & MERRILL  
179 LANE ROAD  
RAYMOND, NH 03077

PUBLIC SERVICE CO OF N H  
DBA/ EVERSOURCE ENERGY  
PO BOX 270  
HARTFORD, CT 06141-0270

RAYMOND, TOWN OF  
4 EPPING STREET  
RAYMOND, NH 03077

RICHARDSON, JAMES K.  
126 GREEN ROAD  
RAYMOND, NH 03077

SHINER, PAUL H. & PATRICI  
LYNETTE & JEFFREY COTE  
P.O. BOX 796  
RAYMOND, NH 03077

JONES & BEACH ENGINEERS, INC.  
ATTN. ERIK POULIN, P.E. AND DAVID COLLIER  
PO BOX 219  
STRATHAM, NH 03885

GOVE ENVIRONMENTAL SERVICES  
ATTN. BRENDEN WALDEN  
8 Continental Dr. Bldg 2, Unit H  
Exeter, NH, 03833

JOSEPH LEMIEUX, III  
27 GREEN ROAD  
CANDIA, NH 03034

NYE, CYNTHIA C. REVOCABLE TRUST  
CYNTHIA C. NYE / TRUSTEE  
112 LANE ROAD  
CANDIA, NH 03034

RIVER VALLEY DEVELOPMENT CORP.  
9 PATRIOT DR  
DOVER, NH 03802





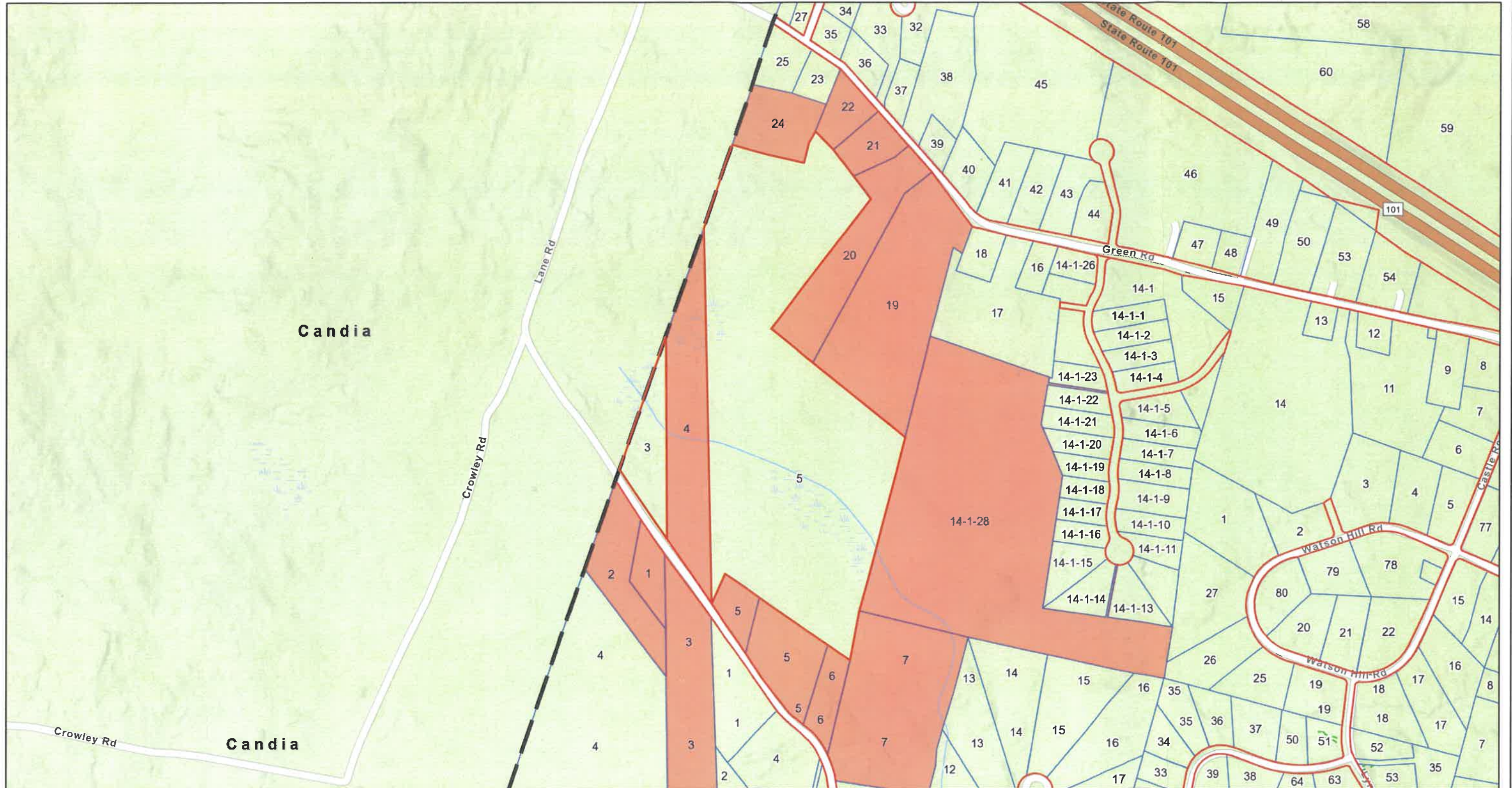
April 5, 2024

### Town of Raymond, NH

1 inch = 551 Feet



www.cai-tech.com



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

Raymond Conservation Commission Minutes

April 24, 2024

7:00PM

Media Center

1 Meeting called to order by Jan Kent, Chair, 7:00PM  
2 Members Present:  
3 Jan Kent, Chair  
4 Mike Unger, Vice Chair  
5 Kathy McDonald, Secretary  
6 Warren Gibby, Member  
7 Therese Thompson (Lamprey River Advisory Council), Public  
8 No members of the public for comment  
9

10 **Agenda Items**

11 1. Dredge and Fill Review by Jones and Beach for Sargent Drive Conservation subdivision on Onway Lake  
12 On Monday 4-22-24, Jan contacted the Town Hall about the dredge and fill. She received the information  
13 and sent it to the other conservation committee members on Tuesday 4-23-24, but that was not enough  
14 time to review before the meeting on Wednesday 4-24-24.

15 At the meeting, we looked over the site plans for phase 1 of 3 phases. This phase 1 consists of 38 lots  
16 and open space. This phase has only one wetland crossing of an intermittent stream, impacting  
17 1,800SQFT. Jan will ask the applicant for digital copies of the plans.

18 The members discussed the dredge and fill review and noted we have 14 days to comment on it.

19 Jan made a motion to send an intervention letter to DES requesting more time for review, Warren  
20 second it. All were in favor.

21 Jan will ask the applicant to come to the meeting on May 22 to discuss the plans.

22 The committee motioned to set up a site walk, which was decided to be Friday, May 17 after 4pm.  
23

24 2. Gemini Valve Project: At 7:39pm, Warren excused himself, as he has a conflict, and stayed for the  
25 meeting as a member of the public.

26 Gemini Valve seeks to expand their existing building and parking, as well as improve drainage. Total  
27 impervious cover will be 147,407SQFT. The site has direct frontage on the Lamprey River.

28 We reviewed the Gemini Valve Shoreline application letter from Lamprey River Advisory Committee,  
29 dated April 17, 2024 to Michael Schlosser.

30 We agree with the recommendations of LRAC letter, especially item #4 (the proposed stormwater  
31 infiltration pond is located entirely in the 100 year floor plain. We request the applicant reconsider the  
32 shape of the infiltration pond; perhaps make it longer and narrower in design, which would move it  
33 further away from the Lamprey River shoreline. And/or relocate stormwater under the driveway.

34 Mike made a motion to send a letter with our comments to DES and will copy in the Planning Board as  
35 discussed. Jan seconded the motion, and all were in favor. Warren rejoined the meeting as a member of  
36 the committee at 8:09PM.  
37

38 3. Chadwick Site Walk: We reviewed the 4-21-24 site walk minutes from the Chadwick Conservation  
39 Easement. A few minor changes were made. We might try for a second site walk before the vegetation  
40 grows in, in the middle of May, as we found potential wood frog egg masses in a vernal pool.  
41

Raymond Conservation Commission Minutes

April 24, 2024

7:00PM

Media Center

- 42 4. Dearborn Big Tree Update: Kathy and Jan hiked the Dearborn conservation property and located the  
43 new record holder for the largest Chestnut Oak tree in Rockingham County. We took down the existing  
44 sign on the previous record holding tree, and will soon repost the sign on the new record holding tree.  
45 Mike ordered "trail closed" signs for the Dearborn property.  
46
- 47 5. Dearborn Abutter Letters Update: Kathy sent out informative letters to the abutters.  
48
- 49 6. Cassier Trail Sign: Kathy presented the new Cassier Trail sign that she has enlarged and laminated at  
50 Staples. Kathy will ask Rockingham Planning Commission if they could assist in putting together an  
51 updated map of the Dearborn conservation property for the town website.  
52
- 53 7. RCCD Workgroup Participation Update: No comments.  
54
- 55 8. Finance: We reviewed and accepted the Conservation Fund Statement.  
56
- 57 9. Approval of Minutes: Mike motioned to approve the minutes of March 27, 2024, seconded by Warren,  
58 all in favor.  
59
- 60 10. Approval of Minutes: Warren motioned to accept the minutes of April 21, 2024, seconded by Jan, all  
61 in favor.  
62
- 63 11. Correspondence: We reviewed an email that Therese Thompson sent to LRAC about the application  
64 process for projects that are within a quarter mile of the Lamprey River. She shared a mapping tool.  
65
- 66 12. PREP Workshops: These will be upcoming workshops talking about climate change.  
67
- 68 13. Planning Board Letter Autumn Trails LLC  
69
- 70 Other Items: The Raymond Baptist Church invited the committee to a free breakfast on May 2, 2024.  
71 Mark West is offering a workshop on identifying wetlands held at Pawtuckaway State Park in  
72 Nottingham, NH on Friday, June 14, 2024 from 8:30AM-4:30PM for \$80; contact [mark@westenv.net](mailto:mark@westenv.net)  
73
- 74 Mike motioned to adjourn the meeting, seconded by Warren at 8:49pm.  
75
- 76 Minutes by: Kathy McDonald, Secretary





Dear Jan Kent,

April 25, 2024

I hope this letter finds you well. My name is Adam Wymore, and I am a Research Assistant Professor at the University of New Hampshire in the Department of Natural Resource and the Environment. I am reaching out to request your permission to install a probe for measuring surface water chemistry and other water quality parameters with high temporal resolution in the Lamprey River, located at coordinates (43.04278, -71.20219) in the Town of Raymond. The proposed location for the probe will be co-located with an existing USGS instrumentation installed at this site. Specifically, this site is at the Griffin Bridge at the intersection of Langford Rd and route 107. I am also in communication with colleagues at the USGS who manage this site.

This probe installation is part of a research project titled "Integrating catchment expansion-contraction dynamics into cross-continental hydro-biogeochemical predictions." The objective of this project is to understand the dynamics of hydrological expansion and contraction in headwater catchments across a wide range of hydroclimatic conditions in the US, and to analyze their impact on the export of water, carbon, nutrients, and sediments.

The probe will be installed in the stream following one of two configurations (see Picture 1, left), defined depending on the conditions of the river. Alongside the probe, we will require the installation of a solar panel. This panel will be fixed to one of the trees at the site using adjustable ties, which will be periodically readjusted to prevent damage to the tree. A battery will be placed in a plastic container next to the tree, alongside the solar panel. Additionally, we will install a control box on the tree using a rope, which will serve as a power source and a configuration unit for the probe (Picture 1, right). Please note that at the proposed site in Raymond that much of this infrastructure will be underwater (photos reflect deployment at a small headwater site and are used for visual purposes). We will also leave contact information with our instrumentation and the site will be checked at least every two weeks.



**Picture 1. Left: Alternatives for probe installation in the stream. Right: Cable, battery container and box attached to the tree.**

Your cooperation and permission for this installation would be greatly appreciated. Thank you for your consideration. Please feel free to reach out with questions ([adam.wymore@unh.edu](mailto:adam.wymore@unh.edu)) and very happy to set up a time to talk in more detail.

Sincerely,

A handwritten signature in black ink, appearing to read "Adam Wymore". The signature is fluid and cursive, with a large initial "A" and a distinct "W".

Adam Wymore, PhD  
Research Assistant Professor  
University of New Hampshire



## Help Update NH GRANIT's

NHACC <barbara@nhacc.org>

Tue 4/9/2024 11:54 AM

To: conscomchair@raymondnh.gov <conscomchair@raymondnh.gov>

## Help Update GRANIT Conservation Lands

You are invited to participate in the 2024 update of NH GRANIT's Conservation and Public Lands GIS data layer. NH GRANIT's Conservation/Public Lands Data Layer is a foundational conservation planning dataset and tool that requires regular upkeep and maintenance. NH GRANIT hosts the data layer but relies on the conservation community for voluntary submissions, which this project will facilitate. It is important to keep this dataset up to date because land protection decisions are informed, in part, by the existing network of conservation and public lands. New conservation and public lands are added to the network regularly, but often aren't updated in the database that is widely used to support land protection investments and decisions. This project will help fill the gap between land protection status on the ground versus land protection records in GRANIT's database.

Northeast Conservation Services, the Society for the Protection of New Hampshire Forests, and The Nature Conservancy are partnering to complete the 2024 update effort with support from the Northeast Regional Association for Coastal and Ocean Observing Systems, the Great Bay National Estuarine Research Reserve and the Great Bay Stewards, the Lakes Region Conservation Trust, and the National Fish and Wildlife Foundation. We are also partnering with the UNH Sustainability Institute with the help of a UNH Sustainability Fellow.

We appreciate that updating conservation lands into GRANIT can be challenging, which is why we are here to help. There are three main ways that we can help support your organization or town through this update effort:

### 1. Provide you with the self-service resources to submit your updates

You will find all of the data submission resources at NH GRANIT's website [here](#), including the following documents: [Conservation and Public Lands Data Standard](#) (this document explains the fields and codes used when submitting records)

[Tract Data Sheet](#) for submitting conservation land records

[Tract Data Sheet Instructions](#) ***Review these instructions first*** Also, please submit your updates to me at [psteckler@neconservation.com](mailto:psteckler@neconservation.com) for this update effort instead of directly to NH GRANIT.

[Digital Submission Instructions](#) for towns and land trusts with GIS capabilities. Again, please submit your updates to me at [psteckler@neconservation.com](mailto:psteckler@neconservation.com) for this update effort instead of directly to NH GRANIT. If you have GIS capabilities, you can download the most recent Conservation and Public Lands data from the [NH Geodata Portal](#) (last updated May 2023), which you can also use as a data submission template.

### 2. Answer your questions throughout the process and provide information

Having trouble deciphering the instructions or attribute codes from the resources listed above? Or need some help getting started? We are here to help! Please call or email me if you would like some support. Your request for help will be handled by The Nature Conservancy for any projects in the Merrimack River Watershed and by Northeast Conservation Services and the UNH Sustainability Fellow for the remainder of the state. If you don't use GIS, we can provide summary tables for the tracts of land that your organization is associated with in NH GRANIT. And you can use the [GRANITView](#) web mapping tool to review conserved property boundaries and their attributes—check out the [Getting Started with GRANITView](#) document if you are new to this tool. Need help? Please let me know.

### 3. Provide web-based support to a limited number of organizations and towns

On a limited basis, our team will work hand-in-hand with towns and land trusts to help assemble conservation land updates. We can schedule a web meeting and share screens to pull your new and updated conservation land information directly into NH GRANIT's data format. We like to reserve these opportunities for groups with limited GIS capacity. If you are interested please email [psteckler@neconservation.com](mailto:psteckler@neconservation.com) to schedule a time between mid-June and mid-August; these meetings are available on a first come, first serve basis.

Please submit your conservation updates to me at your earliest convenience, but no later than June 14 to ensure we have time to process updates and submit them to NH GRANIT by the end

of the summer. Please let me know if you intend to submit updates but can't do so by June 14 so that we can plan accordingly.

---

This email was sent to [conscomchair@raymondnh.gov](mailto:conscomchair@raymondnh.gov)  
[why did I get this?](#) [unsubscribe from this list](#) [update subscription preferences](#)  
NH Assoc. of Conservation Commissions · 54 Portsmouth St · Concord, NH 03301 · USA

To: conscomchair@raymondnh.gov

Sat 4/27/2024 8:09 PM

Hello,

I am having a difficult time figuring out what activities are allowed on our various town forest trails. Is there anywhere it is listed that I'm missing?

I've noticed a lot more mountain biking at Dearborn Forest, plus some new trails being made just for biking off of the west trail.

It would be very helpful to include allowed activities on the trail maps themselves.

Thank you for your time!  
Saffron, Raymond resident

(Assigned by Municipality)

YR TOWN OP#

24 - 383 - 011 - T

For Tax Year April 1, 2024 to March 31, 2025

PLEASE TYPE OR PRINT (If filling in form on-line; use TAB Key to move through fields)

1. Town/City of: RAYMOND

2. Tax Map/Block/Lot or USFS Sale Name & Unit No.

MAP 45 LOT 0-4

3. Intent Type: Original  Supplemental  _____  
(Original Intent Number)

4. Name of Access Road: BROWN ROAD (DEERFIELD)

5a. Acreage of Lot: 5.5 Acreage of Cut: 5.5

5b. Anticipated Start Date: 4/15/2024

6. Type of ownership (check only one):

- a. Owner of Land and Stumpage (Sole Owner)
- b. Owner of Land and Stumpage (Joint Tenants)
- c. Owner of Land and Stumpage (Tenants in Common)
- d. Previous owner retaining deeded timber rights
- e. Owner/Purchaser of stumpage & timber rights on public lands (Fed., State, municipal, etc.) or Utility Easements

**REPORT OF CUT / CERTIFICATE TO BE SENT TO:**

OWNER  OR LOGGER / FORESTER

BY MAIL  OR E-MAIL

7. I/We hereby accept responsibility for reporting all timber cut within 60 days after the completion of the operation or by May 15, whichever comes first. We also assume responsibility for any yield tax which may be assessed. (If a corporation, an officer must sign.)

Attach a signature page for additional owners.

3/19/2024

SIGNATURE (in ink) OF OWNER(S) OR CORPORATE OFFICER(S) DATE SIGNED

CALGARY MACKENZIE

PRINT CLEARLY OR TYPE NAME OF OWNER(S) OR CORPORATE OFFICER(S)

3/19/2024

SIGNATURE (in ink) OF OWNER(S) OR CORPORATE OFFICER(S) DATE SIGNED

CHEYENNE WILSON

PRINT CLEARLY OR TYPE NAME OF OWNER(S) OR CORPORATE OFFICER(S)

113 MOUNTAIN VIEW RD

MAILING ADDRESS

DEERFIELD

NH

03037

CITY OR TOWN

STATE

ZIP CODE

calgarymackenzie@gmail.com

E-MAIL ADDRESS

(603) 270-3411

HOME PHONE (Enter number without dashes)

CELL PHONE (Enter number without dashes)

**FOR MUNICIPAL ASSESSING OFFICIALS ONLY**

The Selectmen/Municipal Assessing Officials hereby certify that:

- 1. All owners of record have signed the Intent;
- 2. The land is not under the Current Use Unproductive category;
- 3. The form is complete and accurate; and

4. Any timber tax bond required has been received.

\$ _____ Date: _____

5. The tax collector will be notified within 30 days of receipt pursuant to RSA 79:10.

6. This form to be forwarded to DRA within 30 days.

[Signature] 3/25/24  
SIGNATURE OF MUNICIPAL ASSESSING OFFICIAL DATE

[Signature] 3/25/24  
SIGNATURE OF MUNICIPAL ASSESSING OFFICIAL DATE

[Signature] 3/25/2024  
SIGNATURE OF MUNICIPAL ASSESSING OFFICIAL DATE

[Signature] 3/25/24  
SIGNATURE OF MUNICIPAL ASSESSING OFFICIAL DATE

[Signature] 3/25/24  
SIGNATURE OF MUNICIPAL ASSESSING OFFICIAL DATE

8. Description of Wood or Timber To Be Cut

Species	Estimated Amount To Be Cut	
White Pine	20	MBF
Hemlock	10	MBF
Red Pine	1	MBF
Spruce & Fir		MBF
Hard Maple		MBF
White Birch		MBF
Yellow Birch	2	MBF
Oak	10	MBF
Ash	5	MBF
Soft Maple	10	MBF
Beech/Pallet/Tie & Mat Logs/ Pine Box	15	MBF
Other (Specify)		MBF
<b>Pulpwood</b>	<b>Tons</b>	
Spruce & Fir		
Hardwood & Aspen	150	
Pine	50	
Hemlock	50	
Biomass Chips	200	
<b>Miscellaneous</b>		
High Grade Spruce/Fir		Tons
Cordwood & Fuelwood	25	Cords

9. Species and Amount of Wood or Timber For Personal Use or Exempt. See exemptions on back of form.

Species	Amount:
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10. By signing below, the Logger/Forester or person responsible for cutting hereby accepts responsibility for verifying the volumes of wood and timber to be reported by the owner, and certifies that they are familiar with RSA 227-J, the timber harvest laws.

[Signature] 3/19/2024  
SIGNATURE (in ink) OF PERSON RESPONSIBLE FOR CUT DATE

CHARLES MORENO  
PRINT CLEARLY OR TYPE NAME OF PERSON RESPONSIBLE FOR CUT

PO BOX 60  
MAILING ADDRESS

CENTER STRAFFORD NH 03815  
CITY OR TOWN STATE ZIP CODE

(603) 234-0444 cmforestry@metrocast.net  
PHONE NUMBER E-MAIL ADDRESS



(Assigned by Municipality)

YR TOWN OP# 24-383-02-T

For Tax Year April 1, 2024 to March 31, 2025

PLEASE TYPE OR PRINT (If filling in form on-line, use TAB Key to move through fields)

1. Town/City of: RAYMOND

2. Tax Map/Block/Lot or USFS Sale Name & Unit No. 035/000/001

3. Intent Type: Original [X] Supplemental [ ] (Original Intent Number)

4. Name of Access Road: Nottingham Road

5a. Acreage of Lot: 28 Acreage of Cut: 27

5b. Anticipated Start Date: 05 / 01 / 2024

- 6. Type of ownership (check only one): a. Owner of Land and Stumpage (Sole Owner) [X] b. Owner of Land and Stumpage (Joint Tenants) [ ] c. Owner of Land and Stumpage (Tenants in Common) [ ] d. Previous owner retaining deeded timber rights [ ] e. Owner/Purchaser of stumpage & timber rights on public lands (Fed., State, municipal, etc.) or Utility Easements [ ]

REPORT OF CUT / CERTIFICATE TO BE SENT TO: OWNER [X] OR LOGGER / FORESTER [ ] BY MAIL [ ] OR E-MAIL [X]

7. I/We hereby accept responsibility for reporting all timber cut within 60 days after the completion of the operation or by May 15, whichever comes first. I/We also assume responsibility for any yield tax which may be assessed. (If a corporation, an officer must sign.)

Attach a signature page for additional owners.

SIGNATURE OF OWNER(S) OR CORPORATE OFFICER(S) DATE SIGNED 04/17/2024

Kevin Cole PRINT CLEARLY OR TYPE NAME OF OWNER(S) OR CORPORATE OFFICER(S)

SIGNATURE OF OWNER(S) OR CORPORATE OFFICER(S) DATE SIGNED

63 Route 27 MAILING ADDRESS Raymond NH 03077 kcole1962@hotmail.com HOME PHONE CELL PHONE

FOR MUNICIPAL ASSESSING OFFICIALS ONLY

- The Selectmen/Municipal Assessing Officials hereby certify that: 1. All owners of record have signed the Intent; 2. The land is not under the Current Use Unproductive category; 3. The form is complete and accurate; and 4. Any timber tax bond required has been received. 5. The tax collector will be notified within 30 days of receipt pursuant to RSA 79:10. 6. This form to be forwarded to DRA immediately after signing.

SIGNATURE OF MUNICIPAL ASSESSING OFFICIAL DATE 4-29-2024 SIGNATURE OF MUNICIPAL ASSESSING OFFICIAL DATE 4/29/24 SIGNATURE OF MUNICIPAL ASSESSING OFFICIAL DATE 4/29/2024

8. Description of Wood or Timber To Be Cut

Table with 3 columns: Species, Estimated Amount To Be Cut, and Unit. Rows include White Pine (12000 MBF), Hemlock (5000 MBF), Red Pine (0 MBF), Spruce & Fir (0 MBF), Hard Maple (5000 MBF), White Birch (0 MBF), Yellow Birch (0 MBF), Oak (30000 MBF), Ash (0 MBF), Soft Maple (10000 MBF), Beech/Pallet/Tie & Mat Logs/Pine Box (0 MBF), Other (Specify) (2000 MBF), Pulpwood (Tons), Spruce & Fir (0), Hardwood & Aspen (0), Pine (0), Hemlock (0), Biomass Chips (0), Miscellaneous, High Grade Spruce/Fir (0 Tons), Cordwood & Fuelwood (0 Cords).

9. Species and Amount of Wood or Timber For Personal Use or Exempt. See exemptions on back of form.

Table with 2 columns: Species, Amount. Row: Species 0, Amount: 0

10. By signing below, the Logger/Forester or person responsible for cutting hereby accepts responsibility for verifying the volumes of wood and timber to be reported by the owner, and certifies that they are familiar with RSA 227-J, the timber harvest laws.

SIGNATURE OF PERSON RESPONSIBLE FOR CUT DATE 04/17/2024

Kevin Cole PRINT CLEARLY OR TYPE NAME OF PERSON RESPONSIBLE FOR CUT 63 Route 27 MAILING ADDRESS Raymond NH 03077 kcole1962@hotmail.com PHONE NUMBER 6033650550 E-MAIL ADDRESS



# RAYMOND CONSERVATION COMMISSION

4 EPPING STREET, RAYMOND, NEW HAMPSHIRE 03077  
(603) 895-7017

April 28, 2024

Eben Lewis  
NH Department of Environmental Services  
Wetland Division  
29 Hazen Drive, Concord NH 03302-0095

RE: Standard Dredge & Fill  
NHDES File Number: 2024-01081  
Sargent Road – Raymond Tax Map 029, Lot 58

Dear Mr. Lewis,

The Raymond Conservation Commission has received the above Dredge & Fill Wetland Application but has not had sufficient time to review the application or visit the site. The Raymond Conservation Commission requests an intervention on this application and a delay of the NH DES decision to allow sufficient time for comments.

Thank You,

Raymond Conservation Commission  
[ConsComChair@raymond-nh.gov](mailto:ConsComChair@raymond-nh.gov)

CC: Brenden Walden – Gove Environmental Services, Inc.  
Joe Coronati – Jones & Beach Engineers, Inc.  
Stephanie Michaud – Jones & Beach Engineers, Inc.  
Raymond Planning and Development Department  
Raymond Planning Board



The State of New Hampshire  
**Department of Environmental Services**



Robert R. Scott, Commissioner

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**SHORELAND IMPACT PERMIT 2024-00816**

**NOTE CONDITIONS**

**PERMITTEE:** PARKER & HARPER COMPANIES INC  
2 OTTER CT  
RAYMOND NH 03077

**PROJECT LOCATION:** 2 OTTER CT, RAYMOND  
Tax Map/Block/Lot(s): 28/no block/4-3

**WATERBODY:** LAMPREY RIVER

**APPROVAL DATE:** APRIL 25, 2024      **EXPIRATION DATE:** APRIL 25, 2029

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Shoreland Permit Application 2024-00816 has been found to meet or exceed the requirements of RSA 483-B as required per RSA 483-B:6, II. The New Hampshire Department of Environmental Services (NHDES) hereby issues this Shoreland Impact Permit with conditions pursuant to RSA 483-B:6, II.

**PERMIT DESCRIPTION:**

Impact 52,752 square feet of protected shoreland in order to develop the site to accommodate two proposed building additions, two new parking lots a new septic system, and the associated stormwater management provisions.

**Impervious Surface Percentage Approved:** .09%

**Natural Woodland Area Required per RSA 483-B:9, V, (b):** 22,750 square feet.

**THE FOLLOWING PROJECT-SPECIFIC CONDITIONS HAVE BEEN APPLIED TO THE PERMIT PURSUANT TO ENV-WQ 1406.15(c):**

1. All work shall be in accordance with plans by Keach-Nordstrom Associates, Inc. dated March 26, 2004 and received by the New Hampshire Department of Environmental Services (NHDES) on March 28, 2024 pursuant to Env-Wq 1406.15(f).
2. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1 as required pursuant to RSA 483-B:9, V(d) Erosion and Siltation, (1).
3. This permit shall not preclude NHDES from taking any enforcement or revocation action as authorized pursuant to 483-B:5, I, if NHDES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

**THE FOLLOWING STANDARD PROJECT CONDITIONS SHALL BE MET PURSUANT TO ENV-WQ 1406.20:**

1. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
2. 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.

[www.des.nh.gov](http://www.des.nh.gov)

29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095

NHDES Main Line: (603) 271-3503 • Subsurface Fax: (603) 271-6683 • Wetlands Fax: (603) 271-6588

TDD Access: Relay NH 1 (800) 735-2964

3. 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-Wq 1700, and the requirements in Env-Wq 1404.01(a) and(b).
4. Any fill used shall be clean sand, gravel, rock, or other suitable material.
5. For any project where mechanized equipment will be used, orange construction fence shall be installed prior to the start of work at the limits of the temporary impact area as shown on the approved plans; be maintained throughout the project; and remain in place until all mechanized equipment has been removed from the site.

**ANY INDIVIDUAL CONDUCTING WORK UNDER THIS PERMIT IS ADVISED OF THE FOLLOWING:**

1. During construction, a copy of this permit should be posted on site in a prominent location visible to inspecting personnel.
2. This permit does not convey a property right, nor authorize any injury to property of others, nor invasion of rights of others.
3. Pursuant to Env-Wq 1406.21, transfer of this permit to a new owner requires notification to, and approval of, NHDES.
4. This project has been screened for potential impact to **known** occurrences of protected species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or only cursory surveys have been performed, unidentified sensitive species or communities may be present. This permit does not absolve the permittee from due diligence in regard to state, local or federal laws regarding such communities or species. This permit does not authorize in any way the take of threatened or endangered species, as defined by RSA 212-A:2, or of any protected species or exemplary natural communities, as defined in RSA 217-A:3.

APPROVED:



Craig W. Day  
Shoreland/Shoreline Specialist, Shoreland Program  
Wetlands Bureau, Land Resources Management  
Water Division

**THIS PERMIT IS NOT VALID UNTIL SIGNED BY THE PARTIES BELOW (Env-Wq 1406.21(c))**

_____  
PERMITTEE SIGNATURE (required)

_____  
PRINCIPAL CONTRACTOR SIGNATURE (required, if any)

Property	Item	Comments	Assigned	Status
Cassier	Replace items on Kiosk and plastic cover with lock to eliminate removal of items	New map in larger format, property owned/managed sign and endangered species sign. These were on the kiosk but removed. Melissa to contact Rue @ Bear-Paw for vendor sugg. Voss signs is who Bear-Paw uses. Kiosk is 42" High, and 44 " Long. 3/22/23 - Mike suggested we reach out to the school to print enlarged maps and building frames for the kiosk. 5/10/23-Mike will check with the school if a larger map could be printed on the plotter. 8/9 He did find out that 11" by 17" prints can be laminated. 8/9/23-Kathy to follow up with Staples for enhancement options for map. 1/10/24-Will review maps a future meeting. 4/24/24-Kathy had sign made at Staples and gave it to Jan. Jan to get plastic to cover it and install it.	Jan/Kathy	IP
Cassier	Culvert entrance by pond needs repair	Will require a wetland permit and a wetland scientist to look at. Hold for ARM discussion.	Mike	Hold
Cassier	Boundary markers	Work with Bear-Paw. 5/23/22-no target date yet. Flint Hill is priority for boundary markers. Jan has had discussions with Dennis G. 1/11/23- Bear-Paw monitoring report suggested boundary markers be installed by private properties. 1/31/24-Will discuss with Dennis Garham from Bear-Paw.	Jan	TBD
Cassier	Dumping	Bear-Paw monitoring report noted abutter dumping on conservation land. Need a site walk to evaluate. Reach out to Dennis and schedule a walk. 8/9/23-Jan to reach out to new contact at Bear-Paw. 1/10/24-May need boundary markers to verify. Discuss with Dennis Garnham at Bear-Paw	Jan	TBD
Dearborn	Finish new map	This was started and needs to be finished with Bear-Paw. Hold until for new Bear-Paw staff. 1/10/24-Review all maps at a future meeting. 4/24/24-Kathy will contact Rockingham Planning Commission and ask if they can assist us	Kathy/Jan	IP
Dearborn	Fix kiosk and add new map and other info	Kiosk had a tree land on it. Can it be fixed or should it be replaced with remaining kiosk. Tricia to look for a resource to assist. 5/11-There is a bird nest in the kiosk so this is on hold until birds are fledged. 4/12/23 - Jan to follow up with Tricia. 8/9/23 - Warren will look at the problem and present any ideas. 1/10/24-Warren will fix kiosk.	Warren	IP
Dearborn	Drainage issue at the end of Jama Drive	CC to do site walk. 5/9-Rue Teel from Bear-Paw recommended how to address issue. Need to schedule the work. 5/11/22-Jan, Kathy and Tricia looked at the issue and suggested a solution. Jan to reach out to abutter. Letters were sent to abutters notifying them of future work. 4/12/23-Jan to follow up with Tricia. 8/9/23-Warren will look at this to get familiar with the issue. 1/31/24-Bear-Paw sent some information to assist with a solution. Jan will discuss with Dennis Garnham from Bear-Paw	Jan	

Dearborn	Dumping	Residents dumping material on conservation land and part of the wall has been removed. Need a site walk to evaluate issue. Schedule site walk in April. 4/12/23-Kathy and Kris to conduct site walk and file a report with the code enforcement officer for follow up. 5/18/2023-Site walk conducted by Kathy, Kris and Dennis Garnham. Photos taken. 8/9/23 - Kathy drafted a letter and sent it to Bear-Paw for review and feedback. Kathy will follow up with Bear-Paw. 1/31/24 - Kathy will send abutter letters. 4/24-Kathy sent out the abutter letters. Need to follow up with a site walk to see if materials have been removed. If not determine next steps.	Kathy	IP
Dearborn	Big Tree Program- New Chestnut Oak	7/24/23-Notified of a larger Chestnut Oak than the one already identified. Need a site walk to locate the tree and move the Big Tree Sign. GPS is N 43.03650 W71.2269. 3/13/24- Cannot find photo of sign, Kathy and Jan to do site walk. 4/15/24- Jan and Kathy located the new Chestnut Oak using the GPS location. They took the sign from the previous location as it was on the ground. The wood it was mounted on was waterlogged. Need to go back to the previous location and cut the wire that is around the tree and also determine the best way to display the new sign. 4/24/24-Jan to give Kathy a post and Kathy and Warren will assemble a sign.	Kathy/Warren	IP
Dearborn	West Trail sign is missing	The West Trail sign that was on the rail trail is missing and other signs need to be adjusted due to tree growth.	Jan	TBD
Dearborn	Illegal Trail	8/16/23-Notified by Bear-Paw that the illegal trail is being used and the Trail Closed sign is missing. 8/23/23-Mike U. will contact a couple of vendors to see if they made the sign as Bear-Paw made the signs previously, however, due to staffing changes they do not have the info. 4/24/24-Mike has ordered the signs.	Mike	IP
Flint Hill	Conservation boundary markers	Follow up with Bear-Paw on conservation boundary medallions. Rue Teel is leaving Bear-Paw so may need to wait for new staff. 1/31/24-Discuss with Dennis Garnham from Bear-Paw		Hold
Flint Hill	Install kiosk and put map etc on kiosk	Need location for the kiosk. At the end of Sherburne drive was tried but the hole filled up with water. Schedule site walk for April. 4/12/23-Site walk scheduled for 4/23. 8/9/23-Kathy and Jan to view and mark site. Jan to then contact Brad Reed for hole digging. 1/31/24-Jan to follow up when ground is not frozen.	Jan	IP



Flint Hill	Clean up firepit	Trash, bottles, metal, etc. Dennis will clean up. 4/2/22- Melissa and Jan visited site. Rocks around ring removed, most trash removed, charcoal remains in ring. There is still quite a bit of micro trash(glass pieces, etc.) Evaluate during site walk in April. 4/12/23- Site walk scheduled for 4/23. 8/9/23- Ask Mike L. what he has observed. 8/23/23-It was observed that this is active and has trash during the sign install.	CC mbrs	TBD
Chadwick	Trails and Boundaries	Site walk to check boundaries. 4/12/23 - site walk date TBD. Walk Chadwick and look at trails, boundaries and access via Flint Hill. 4/24/24 - Site walk to follow boundaries done on 4/21/24. Walked 3/4 of boundary. Did not do southern boundary. Need a follow up site walk to walk interior. Tentative 5/25 or 5/26/24 3/13/24-Reviewed monitoring report. Agreed to site walk, 4/20 or 4/21.	All	Site Walk
Other	Finish town property site walks	to be scheduled. 4/12/23 - Jan to compile list of remaining properties.	Jan	Site Walk
Other	ARM Project List	In progress. 3/30-Invite David Fredrickson to next meeting in May 6/6-Jan met with David Fredrickson and provided a high-level explanation of the ARM Fund. Jan to follow up with David in the fall for a date to come to a CC meeting. 1/11/23- Mike to reach out to contact at DES and schedule an education session with the board. 4/12/23 - DES will be conducting a Webinar. Mike will monitor for date. 8/9/23-Mike reached out to DES contact and is working on a possible meeting with representative for September.	Mike	TBD
Training	Plan reading	The next plan we receive. One training session was held and another one will be held at a future meeting in 2023	Mike	IP
Other	Turtle crossing signs	4/25/22-located prior documentation, discuss with David Fredrickson at mtg. 6/6-Jan met with David Fredrickson and he agreed that DPW can install the signs on Ham Road. Review past materials on 2/22/23		TBD
Zoning	Conservation Subdivisions	Work with Planning Board. 5/11/22-Jan sent subdivision link to members	CC mbrs	TBD
Zoning	No Net Loss	Work with Planning Board. Schedule for late March CC meeting. Schedule for May or June agenda	CC mbrs	IP
Zoning	Zone G	Meet with Building Inspector/Planning Department to review procedure by March 8th. 4/12/23-schedule meeting with Paul	Jan/Kathy	IP
Other	High-Value Conservation Lands	Research and options. Write recommendation on Shattagee/Lane Road to BOS	Jan	
Education	Town Property Educational walks			TBD
Education	Include description of trails on Website and maps	Leverage educational walks to create descriptions		TBD
Education	Town Newsletter	On-going	All	IP

Colonial Dr	Recommendations to BOS	5/26/22-Jan informed town manager of tire dump. 5/27/22-P.Hammond: It does not appear to be active, at least not from this year. Could you more define where this tire location is in reference to the property lines?	Jan	Site Walk TBD
LRES	Eco-Center Signs	2/8/23-Asked by LRES about replacing worn/damaged signs. Jan emailed MJ back with cost of last sign of \$652, and the vendor name. Also informed her that the CC wanted to do a sitewalk. 4/12/23-Kathy and Kris will conduct site walk to evaluate damage. 3/27/24-Jan and Kathy to visit site.	Kathy/Jan	Site Walk
Other	Review and make recommendations on changes to Special Permit			TBD