

June 23, 2025

Amanda Lessard, Town Planner Town of Windham 8 School Road Windham, ME 04062

Re: Sketch Major Subdivision Plan Application

Sketch Major Site Plan Application 250 Windham Center Road Condominium Casco Bay Holdings, LLC - Applicant

Dear Amanda:

On behalf of Casco Bay Holdings, LLC we have prepared the enclosed Major Subdivision Sketch Plan Application and Major Site Plan Sketch Plan Application for review of a proposed residential condominium development on a 3.2-acre property located at 250 Windham Center Road. The existing home on the property will be split from the development parcel prior to applying for Subdivision Approval with the Town. The parcel is located in the Windham Center zoning district which allows residential use at an allowable max density of one dwelling per 15,000 sf of net residential area.

The project will include the construction of 3 duplex buildings for a total of 6 condominium dwelling units with access from a new private driveway. The access driveway will extend 400 feet into the parcel and will be designed and constructed to meet the Major Private Road standards with a hammerhead turnaround.

All dwellings will be served by public water from an existing water main located in Windham Center Road. We are proposing to install a meter pit at the property line and extend a private water service line through the property from the meter pit to provide each unit with domestic water service. We do not anticipate that fire protection water service will be required within the development. Power will be extended to the new dwelling units underground from existing overhead lines on Windham Center Road. We anticipate that 1 or 2 leach fields will be installed to serve the new dwelling units with on-site wastewater disposal.

The site contains scrub shrub wetlands along the edge of a field area and in the back land around a manmade agricultural pond. The site abuts the Black Brook Preserve parcel to the south. We anticipate that a stormwater filter basin will be constructed off the end of the access driveway to provide stormwater quantity and quality controls.

We do not anticipate that the project will require any market studies, utility studies or traffic studies beyond normal consideration to satisfy the Land Use Ordinance performance standards and requirements of the utility districts. We are not aware of any existing easements on the property.

We have requested a waiver from the Submission Requirement to provide a Class A High Intensity Soil Survey, given the nature of the project and the amount of site-specific soils evaluation that will be performed and submitted to the Town to complete the project design.

Upon your review of the enclosed documents, please let us know if you have any questions or require any additional information.

Sincerely,

DM ROMA CONSULTING ENGINEERS

Dustin M. Roma, P.E.

Dustin Roma

President



Town of Windham Planning Department: 8 School Road Windham, Maine 04062 Tel: (207) 894-5960 ext. 2 Fax: (207) 892-1916 www.windhammaine.us

SKETCH PLAN REVIEW – MAJOR\MINOR SUBDIVISION APPLICATION										
FEES FOR SKETCH		APPLICATION FEE:		X \$200.00		AMOUNT PAID:				
PLAN REVIEW		REVIEW	ESCROW:	□ \$	300.00 - MINOR	\$				
				X s	400.00 - MAJOR	DATE:				
							Office Use:		Office Stamp:	
PROPERTY DESCRIPTION		Parcel ID	Map#	12	Lot(s)	52-A	Zoning District(s)	WC	Total Land Area SF	142,370
		Physical Address	250 V	/indham Ce	nter R	oad	Watershed:	Black Brook		
DDODE	TV.	Name	Casco	Bay Holding	oldings, LLC			PO Box 275		
PROPER OWNER		Phone						Cumberland, ME 04021		
INFORM	NOITAN	Fax or Cell					Address			
		Email	ron@c	bhm.net						
APPLICA	ANT'S	Name	Same as owner				Name of Business			
INFORM	_	Phone								
(IF DIFFE FROM O		Fax or Cell				Mailing Address				
		Email								
		Name	Dustin	Roma			Name of Business	DM Roma	ι Consulting	Engineers
APPLICA AGENT	ANT'S	Phone	(207) 591 - 5055			Mailing Address	PO Box 1116 Windham, ME 04062			
INFORM	NOITAN	Fax or Cell	(207) 310 - 0506							
		Email	dustin@dmroma.com							
	Existing La	and Use <i>(Use</i>	extra pa	per, if necessary	<i>י)</i> :					
	Single	family ho	me, whi	ch will be sp	olit of	from the dev	velopment	t parcel		
Provide a narrative description of the Proposed Project (Use extra paper, if necessary): Construct a 6-unit residential condominium in 3 duplex buildings on a 400-foot private drive										
							te driveway			
RMA		rellings will be served by public water and private on-site wastewater disposal.								
ECT II										
PROJECT INFORMATION	Provide a n	Provide a narrative description of construction constraints (wetlands, shoreland zone, flood plain, non- conformance, etc. Use extra								
		paper, if necessary):								
	The s	ite contains wetlands and a man-made pond.								



SKETCH PLAN MAJOR\MINOR SUBDIVISION APPLICATION REQUIREMENTS

Section 120-910 of the Land Use Ordinance

The submission shall contain, five (5) copies of following information, including full plan sets. Along with one (1) electronic version of the entire submission unless a waiver of a submission requirement is granted.

The Sketch Plan document/map:

A) Plan size: 24" X 36"

B) Plan Scale: No greater 1":100'

C) Title block: Applicant's name and address

- Name of preparer of plans with professional information
- Parcel's tax map identification (map and lot) and street address, if

available

 Complete application submission deadline: three (3) weeks prior to the desired Planning Board or Staff Review Committee meeting.

- Five copies of application and plans

- Application Payment and Review Escrow
- Pre-submission meeting with the Town staff is required.
- Contact information:

Windham Planning Department (207) 894-5960, ext. 2
Steve Puleo, Town Planner sipuleo@windhammaine.us
Amanda Lessard, Planning Director allessard@windhammaine.us

APPLICANT/PLANNER'S CHECKLIST FOR SKETCH PLAN REVIEW REQUIREMENTS

SUBMITTALS THAT THE TOWN PLANNER DEEMS INCOMPELTE IN CONTENT WILL NOT BE SCHEDULED FOR PLANNING BOARD REVIEW.

The following checklist includes items generally required for development by the Windham's LAND USE ORDINANCE, <u>Section 120-910</u>. Due to projects specifics, are required to provide a complete and accurate set of plans, reports and supporting documentation.

IT IS THE RESPONSIBILITY OF THE APPLICANT TO PRESENT A CLEAR UNDERSTANDING OF THE PROJECT.

NOTE TO APPLICANT: PRIOR TO THE SITE WALK, TEMPORARY MARKERS MUST BE ADEQUATELY PLACED THAT ENABLE THE PLANNING BOARD TO READILY LOCATE AND APPRAISE THE LAYOUT OF DEVELOPMENT (SEE RULES OF PLANNING BOARD FOR MORE SPECFICS, PER SECTIONS 120-906C(3) and 120-907A(2)(b)[2]).

uooumomadom					
Submission Requirements:	Applicant	Staff		Applicant	Staff
a) Completed Sketch Plan Application form			h) Copy of portion of the USGS topographic map of the area, showing the boundaries of the proposed subdivision.	X	
b) Proposed Project Conditions:			 i) An existing resources inventory and site analysis sketch plan for conservation subdivisions as described in § 120-911K(3) 	X	
- Condition of the site			j) Copy of that portion of the Cumberland County		
- Proposed use			Medium Intensity Soil Survey covering the proposed subdivision, showing the boundaries of the proposed subdivision Submit initialed form regarding additional fees, from applicant intro packet	X	
Constraints/appartunities of site	X		Plan Requirements		
- Constraints/opportunities of site			Name of subdivision, north arrow, date and scale.	X	
Outline any of the follow			2. Boundary and lot lines of the subdivision.	X	
- Traffic Study			3. Approximate location, width, and purpose of easements or restrictions.	X	
- Utility Study				TVI]
- Market Study			4. Streets on and adjacent to the tract.	X	
c) Name, address, phone for record owner and applicant	X		5. Approximate location and size of existing utilities on and		
d) Names and addresses of all consultants working on the project			adjacent to the tract, including utility poles and hydrants (if none, so state).	X	
e) Evidence of right, title, or interest in the property					
f) Evidence of payment of Sketch Plan fees and escrow deposit			6. Existing buildings, structures, or other improvements on the	X	
g) Any anticipated waiver requests (Section 120-908)			site.		
Waivers from Submission Criteria. Will the applicant be requesting waivers from the "Submission information for which a Waiver May be Granted"?	X				
If yes, submit letter with waivers being requested, along with a completed "Performance & design Standards Waiver Request Form.			 Major natural features of the site, approximated by the applicant including wetlands, streams and ponds, floodplains, groundwater aquifers, treelines, significant wildlife habitat and fisheries, and any other important 	X	
Waivers from Subdivision Performance Standards in <u>Section</u> 120-911 of the Land Use Ordinance.			features.		
If yes, submit letter with the waivers being requested, along with a completed "Performance and Design Standards Waiver Request" form			PDF Electronic Submission	□X	

The undersigned hereby makes application to the Town of Windham for approval of the proposed project and declares the foregoing to be true and accurate to the best of his/her knowledge.

Dustin Roma

6-23-25

Dustin Roma - authorized agent



Town of Windham Planning Department: 8 School Road Windham, Maine 04062 Tel: (207) 894-5960 ext. 2 Fax: (207) 892-1916 www.windhammaine.us

SKETCH PLAN - MAJOR SITE PLAN REVIEW APPLICATION **AMOUNT PAID: APPLICATION FEE:** \$200.00 **FEES FOR SKETCH PLAN REVIEW** X \$400.00 **REVIEW ESCROW:** DATE: Office Use: Office Stamp: Zoning **Total Land** 52-A WC 12 142,370 Parcel ID Map(s)# Lot(s)# District(s) Area SF **PROPERTY** X Y N Est. Building SF: No Building; Est. SF of Total Development: 58,000 SF Total Disturbance. >1Ac **DESCRIPTION Physical** 250 Windham Center Road Black Brook Watershed: Address: Name of Casco Bay Holdings, LLC Name: **Business: PROPERTY** PO Box 275 Phone: Mailing **OWNER'S** Cumberland, ME 04021 Address: **INFORMATION** Fax or Cell: ron@cbhm.net Email: Name of Same as owner Name: **Business: APPLICANT'S INFORMATION** Phone: Mailing (IF DIFFERENT Address: Fax or Cell: FROM OWNER) Email: Name of DM Roma Consulting Engineers **Dustin Roma** Name: **Business:** APPLICANT'S PO Box 1116 (207) 591 - 5055 Phone: Mailing **AGENT** Windham, ME 04062 Address: **INFORMATION** (207) 310 - 0506 Fax or Cell: dustin@dmroma.com Email: Existing Land Use (Use extra paper, if necessary): Single family home, which will be split off from the development parcel Provide a narrative description of the Proposed Project (Use extra paper, if necessary): PROJECT INFORMATION Construct a 6-unit residential condominium in 3 duplex buildings on a 400-foot private driveway. All dwellings will be served by public water and private on-site wastewater disposal. Provide a narrative description of construction constraints (wetlands, shoreland zone, flood plain, non-conformance, etc.): The site contains wetlands and a man-made pond.



SKETCH PLAN REVIEW REQUIREMENTS FOR A MAJOR SITE PLAN APPLICATION

Section 120-811 of the Land Use Ordinance

The submission shall contain five (5) copies of the following information, including full plan sets. Along with one (1) electronic version of the entire submission unless a waiver of a submission requirement is granted.

The Sketch Plan document/

A) Plan size: B) Plan Scale: 24" X 36"

C) Title block:

No greater 1":100'

Applicant's name and address

- Name of preparer of plans with professional information
- Parcel's tax map identification (map and lot) and street address, if available.
- Complete application submission deadline: three (3) weeks prior to the desired Planning Board or Staff Review Committee meeting.

Five copies of application and plans

Application Payment and Review Escrow

Pre-submission meeting with the Town staff is required.

Contact information:

Windham Planning Department Steve Puleo, Town Planner Amanda Lessard, Planning Director

(207) 894-5960, ext. 2 sjpuleo@windhammaine.us allessard@windhammaine.us

APPLICANT/PLANNER'S CHECKLIST FOR SKETCH PLAN REVIEW REQUIREMENTS

SUBMITTALS THAT THE TOWN PLANNER DEEMS INCOMPELTE IN CONTENT WILL NOT BE SCHEDULED FOR PLANNING BOARD REVIEW.

The following checklist includes items generally required for development by the Town of Windham's LAND USE ORDINANCE, Sections 811, 812, & 813. Due to projects specifics, are required to provide a complete and accurate set of plans, reports and IT IS THE RESPONSIBILITY OF THE APPLICANT TO PRESENT A CLEAR **UNDERSTANDING OF THE PROJECT.**

NOTE TO APPLICANT: PRIOR TO THE SITE WALK, TEMPORARY MARKERS MUST BE ADEQUATELY PLACED THAT ENABLE THE PLANNING BOARD TO READILY LOCATE AND APPRAISE THE LAYOUT OF DEVELOPMENT (SEE RULES OF PLANNING BOARD FOR MORE SPECFICS, PER SECTION 120-807D(2)).

supporting documentation (as listed in the checklist	below)				
Submission Requirements:	Applicant	Staff	Submission Requirements (continued)	Applicant	Staff
a) Completed Sketch Plan Application form	X		-If yes, submit letter with the waivers being requested, along with	2000	proving
b) Proposed Project Conditions:			a completed "Performance and Design Standards Waiver Request" form.	X	
- Condition of the site	X		Plan Requirements		
- Proposed use	X		Please note: the Sketch Plan does not need to be surveyed. However, if it is surveyed, please refer to the GIS requirements for Final Plan review. It may be in the applicant's interest to obtain the required GIS data while the surveyor is on site		
	X		1] The name of the development, North arrow, date, and scale.	X	
- Constraints/opportunities of site	IA.	l	2] The boundaries of the parcel.	X	
Outline any of the follow			3] The relationship of the site to the surrounding area.	X	
- Traffic Study			4] The topography of the site at an appropriate contour interval depending on the nature of the use and character of the site (in many instances, submittal of the applicable USGS ten-foot contour map will be adequate).	X	
- Utility Study			5] The approximate size and location of major natural features of	şoonig	j
- Market Study			the site, including wetlands, streams, ponds, floodplains, groundwater aquifers, significant wildlife habitats and fisheries or other important natural features (if none, so state).	X	
c) Name, address, phone for record owner and applicant	X		6] Existing buildings, structure, or other improvements on the site (if none, so state).	X	
d) Names and addresses of all consultants working on the project.	X		7] Existing restrictions or easements on the site (if none, so state).	X	
e) Evidence of right, title, or interest in the property	K		 Approximate location and size of existing utilities on and adjacent to the tract, including utility poles and hydrants (if none, so state) 	X	
f) Evidence of payment of Sketch Plan fees and escrow deposit			9] A Class D medium-intensity soil survey (information from the most current soil survey for Cumberland County, Maine, is	X	
g) Any anticipated waiver requests (Section 120-808)			acceptable).		
Waivers from Submission Criteria. Will the applicant be requesting waivers from the "Submission information for which a Waiver May be Granted"?	IX)		10] The location and size of proposed buildings, structures, access drives, parking areas, and other development features (if	X	
If yes, submit letter with waivers being requested, along with a completed "Performance & design Standards Waiver Request Form.			applicable).	and a	***************************************
Waivers from Subdivision Performance Standards in <u>Section</u> <u>120-812</u> of the Land Use Ordinance.			PDF Electronic Submission	X	

The undersigned hereby makes application to the Town of Windham for approval of the proposed project and declares the foregoing to be true and accurate to the best of his/her knowledge.

Dustin Ro

6-23-25

Dustin Roma - Authorized Agent

TOWN OF WINDHAM MINOR\MAJORSUBDIVISION APPLICATION

Performance and Design Standards Waiver Request Form

(Section 120-908 - Minor\Major Subdivision Review, Waivers)

For each waiver request from the <u>Performance and Design Standards</u> detailed in <u>Section 120-911</u> of the Town of Windham Land Use Ordinance, <u>please submit separate completed copy of this waiver request form for all</u> waivers requested

Subdivision o	•
Project Name	: 250 Windham Center Road
Тах Мар:	12
Lot(s):	52-A

Waivers are requested from the following Performance and Design Standards (Add Forms as necessary):

Ordinance Section	Standard	Mark which waiver this form is for
910-C-3-A	Class A High Intensity Soil Survey	X

a. Describe how a waiver from the standard indicated above will improve the ability of the project to take the property's predevelopment natural features into consideration. Natural features include, but are not limited to, topography, location of water bodies, location of unique or valuable natural resources, relation to abutting properties or land uses. Attach a separate sheet if necessary.

The project is intended to occupy approximately 1.5 acres of developed area. We have already mapped wetlands and a man-made pond on the property, which will be located in areas that are not proposed to be developed. We will be performing on-site soils analysis to complete an HHE-200 septic system design to meet Site Plan submission requirements. The submission of a High-Intensity Soil Survey for a project of this size and with the soils information provided is not necessary.

Ordinance Section: 910 - C - 3 - A (PLEASE PROVIDE A SEPERATE IMPACT CRITERIA FRO EACH ORDIANCE SECTION)

b. Will the waiver have an impact on any of the following criteria?

	Yes	No
Water or air pollution		X
Light pollution or glare		X
Water supply		\overline{x}
Soil erosion		×
Traffic congestion or safety		×
Pedestrian safety or access		X
Supply of parking		X
Sewage disposal capacity		X
Solid waste disposal capacity		X
Scenic or natural beauty, aesthetics, historic sites, or rare or irreplaceable natural areas		×
Flooding or drainage issues on abutting properties		X
The Town's ability to provide the subdivision with public safety services (if subdivision)		×

If granting the waiver will result in an impact on any of the criteria above, please provide more detail below.

DOC:14775 BK:41413 PG:54

DLN: 2733780

WITNESS:

QUITCLAIM DEED WITHOUT COVENANT (Release Deed)

SAWIN CAPITAL, LLC, Maine limited liability company, with a principal place of business in Westbrook, County of Cumberland and State of Maine ("Grantor"), for consideration paid, RELEASES to **CASCO BAY HOLDINGS, LLC** whose mailing address is P.O. Box 275, Cumberland, Maine 04021 ("Grantee"), certain lot or parcel of land situated in the Town of Windham, County of Cumberland and State of Maine being more particularly described as appears on <u>Exhibit A</u>, attached hereto and incorporated herein by reference.

The Grantor herein was the highest bidder at a foreclosure sale held pursuant to the power of sale provision contained in the Mortgage Deed, Security Agreement & Financing Statement recorded in the Cumberland County Registry of Deed at Book 40932, Page 213.

Being the same premises described in a deed from Sawin Capital, LLC to Sawin Capital, LLC dated April 29, 2025, and recorded in the Cumberland County Registry of Deeds herewith.

IN WITNESS WHEREOF, Sawin Capital, LLC have caused this instrument to be executed by Alan E. Wolf, hereunto duly authorized, this 29th day of April, 2025.

SAWIN CAPITAL, LLC

	By:
STATE OF MAINE	
CUMBERLAND, ss.	April 29, 2025
	ned Alan E. Wolf, its Authorized Agent and acknowledged deed in his said capacity and the free act and deed of said
company.	1
DARCY L. NEEDHAM Notary Public - Maine	Lany Mach
My Commission Expires	Maine Atterney at Law/ Notary Public
January 26, 2030	Printed Name:
	My Commission expires:

DOC:14775 BK:41413 PG:55

RECEIVED - RECORDED, CUMBERLAND COUNTY REGISTER OF DEEDS

04/30/2025, 10:22:05A

Register of Deeds Jessica M. Spaulding E-RECORDED

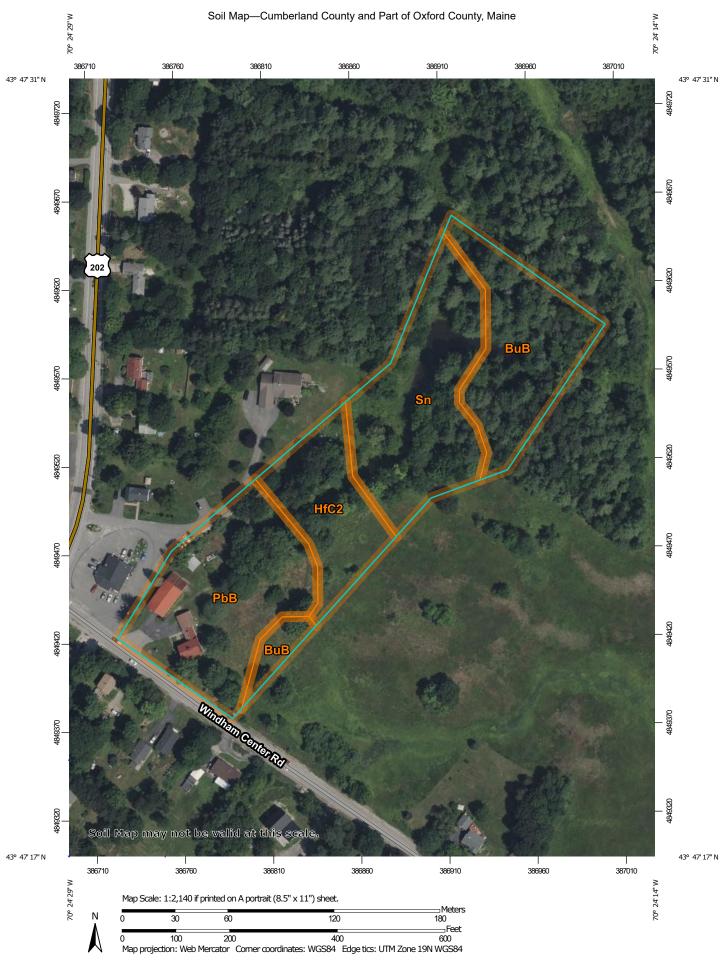
Exhibit A

A certain lot or parcel of land, with the buildings and improvements thereon, located on the northeast side of the Windham Center Road, in the Town of Windham, County of Cumberland and State of Maine, bounded on the northwest side by land now or formerly of Alan E. Young, Richard E. School, et al, and Joyce W. Lauzier, on the northeast and southeast by land now or formerly of Jennie S. Rogers, and on the southwest by said Road, and described as follows:

Beginning at a monument as described in a deed from William C. and Philip W. Hawkes, as recorded in Cumberland County Registry of Deeds in Book 1372, Page 499; thence N 36° 56' 40" E a distance of one hundred thirty and 80/100 (130.80) feet to a monument, as described in the aforementioned deed; thence N 43° 53' 37" E a distance of fifty-nine and 97/100 (59.97) feet to a monument, as described in the aforementioned deed; thence N 61° 31' 14" E a distance of three hundred eighty-two and 34/100 (382.34) feet to a point near a concrete monument tipped; thence N 23° 20' 07" E a distance of three hundred twenty-five and 14/100 (325.14) feet to an iron; thence S 66° 39' 53" E a distance of two hundred thirty-two and 71/100 (232.71) feet to an iron; thence S 31° 09' W a distance of two hundred forty and 19/100 (240.19) feet to an iron rod; thence S 62° 40' 56" W a distance of one hundred ninety-six and 44/100 (196.44) feet to an iron; thence S 42° 19' 36" W a distance of four hundred eighty-nine and 79/100 (489.79) feet to an iron; thence N 54° 37' 54" W along said Road, a distance of two hundred eight and 01/100 (208.01) feet to the point of beginning.

The above parcel contains 3.7277 acres and the bearings are based on Grid North (using Central Meridian 70° 10' West Longitude) by Solar Observations.

Together with and subject to the rights, rights-of-way, easements, interests, privileges and appurtenances as may appear of record.



MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

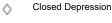
Special Point Features

Blowout



Borrow Pit



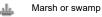


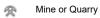


Gravelly Spot











Perennial Water

Rock Outcrop

→ Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Spoil Area



Very Stony Spot



Wet Spot Other

Stony Spot



Special Line Features

Water Features

Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads

\sim

Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Cumberland County and Part of Oxford County, Maine

Survey Area Data: Version 21, Aug 26, 2024

Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

Date(s) aerial images were photographed: Jul 22, 2021—Oct 7, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI	
BuB	Lamoine silt loam, 3 to 8 percent slopes	1.7	24.9%	
HfC2 Hartland very fine sandy loam, 8 to 15 percent slopes, eroded		1.0	15.7%	
PbB Paxton fine sandy loam, 3 to 8 percent slopes		2.0	30.1%	
Sn Scantic silt loam, 0 to 3 percent slopes		1.9	29.3%	
Totals for Area of Interest	'	6.6	100.0%	

PbB—Paxton fine sandy loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: bljf Elevation: 0 to 2,500 feet

Mean annual precipitation: 34 to 50 inches Mean annual air temperature: 37 to 46 degrees F

Frost-free period: 90 to 160 days

Farmland classification: All areas are prime farmland

Map Unit Composition

Paxton and similar soils: 87 percent Minor components: 2 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Paxton

Setting

Landform: Drumlinoid ridges

Landform position (two-dimensional): Summit, shoulder Landform position (three-dimensional): Interfluve, crest

Down-slope shape: Convex Across-slope shape: Convex

Parent material: Coarse-loamy lodgment till derived from mica

schist

Typical profile

H1 - 0 to 8 inches: fine sandy loam H2 - 8 to 20 inches: fine sandy loam H3 - 20 to 65 inches: fine sandy loam

Properties and qualities

Slope: 3 to 8 percent

Depth to restrictive feature: 18 to 40 inches to densic material

Drainage class: Well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.60 in/hr)

Depth to water table: About 30 to 42 inches

Frequency of flooding: None Frequency of ponding: None

Available water supply, 0 to 60 inches: Very low (about 2.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2e

Hydrologic Soil Group: C

Ecological site: F144BY501ME - Loamy Slope (Northern

Hardwoods)

Hydric soil rating: No

Minor Components

Ridgebury

Percent of map unit: 2 percent
Landform: Drumlinoid ridges
Landform position (two-dimensional): Summit, shoulder

Landform position (three-dimensional): Base slope Down-slope shape: Concave Across-slope shape: Concave

Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Cumberland County and Part of Oxford County, Maine

BuB—Lamoine silt loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: 2t0kc

Elevation: 10 to 490 feet

Mean annual precipitation: 33 to 60 inches Mean annual air temperature: 36 to 52 degrees F

Frost-free period: 90 to 160 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Lamoine and similar soils: 85 percent Minor components: 11 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Lamoine

Setting

Landform: Marine terraces, river valleys

Landform position (two-dimensional): Footslope Landform position (three-dimensional): Base slope

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Fine glaciomarine deposits

Typical profile

Ap - 0 to 7 inches: silt loam
Bw - 7 to 13 inches: silt loam
Bg - 13 to 24 inches: silty clay loam
Cg - 24 to 65 inches: silty clay

Properties and qualities

Slope: 3 to 8 percent

Depth to restrictive feature: More than 80 inches Drainage class: Somewhat poorly drained

Capacity of the most limiting layer to transmit water (Ksat): Very low

to moderately low (0.00 to 0.14 in/hr) Depth to water table: About 6 to 17 inches

Frequency of flooding: None Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.9 mmhos/cm)

Available water supply, 0 to 60 inches: Moderate (about 7.6

inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: C/D

Ecological site: F144BY401ME - Clay Flat



Hydric soil rating: No

Minor Components

Scantic

Percent of map unit: 10 percent

Landform: Marine terraces, river valleys

Landform position (two-dimensional): Footslope, toeslope

Landform position (three-dimensional): Base slope

Down-slope shape: Linear Across-slope shape: Concave

Hydric soil rating: Yes

Biddeford

Percent of map unit: 1 percent

Landform: Marine terraces, river valleys Landform position (two-dimensional): Toeslope

Landform position (three-dimensional): Base slope

Down-slope shape: Concave Across-slope shape: Concave

Ecological site: F144BY002ME - Marine Terrace Depression

Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Cumberland County and Part of Oxford County, Maine

HfC2—Hartland very fine sandy loam, 8 to 15 percent slopes, eroded

Map Unit Setting

National map unit symbol: blhc

Elevation: 0 to 310 feet

Mean annual precipitation: 48 to 49 inches Mean annual air temperature: 45 to 46 degrees F

Frost-free period: 150 to 160 days

Farmland classification: Farmland of local importance

Map Unit Composition

Hartland and similar soils: 85 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Hartland

Setting

Landform: Lakebeds

Landform position (two-dimensional): Footslope Landform position (three-dimensional): Tread

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Coarse-silty glaciolacustrine deposits

Typical profile

H1 - 0 to 9 inches: very fine sandy loam

H2 - 9 to 29 inches: silt loam H3 - 29 to 65 inches: silt loam

Properties and qualities

Slope: 8 to 15 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Available water supply, 0 to 60 inches: High (about 11.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: B

Ecological site: F144BY501ME - Loamy Slope (Northern

Hardwoods), F144BY508ME - Silty Slope

Hydric soil rating: No

Data Source Information

Soil Survey Area: Cumberland County and Part of Oxford County, Maine

Sn—Scantic silt loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2slv3

Elevation: 10 to 900 feet

Mean annual precipitation: 33 to 60 inches Mean annual air temperature: 39 to 45 degrees F

Frost-free period: 90 to 160 days

Farmland classification: Farmland of local importance

Map Unit Composition

Scantic and similar soils: 85 percent Minor components: 5 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Scantic

Setting

Landform: Marine terraces, river valleys Landform position (three-dimensional): Talf

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Glaciomarine deposits

Typical profile

Ap - 0 to 9 inches: silt loam

Bg1 - 9 to 16 inches: silty clay loam Bg2 - 16 to 29 inches: silty clay Cg - 29 to 65 inches: silty clay

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly drained

Capacity of the most limiting layer to transmit water (Ksat): Very low

to moderately low (0.00 to 0.06 in/hr) Depth to water table: About 0 to 12 inches

Frequency of flooding: None Frequency of ponding: None

Available water supply, 0 to 60 inches: Moderate (about 6.3

inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: D

Ecological site: F144BY304ME - Wet Clay Flat

Hydric soil rating: Yes

Minor Components

Biddeford

Percent of map unit: 3 percent

Landform: Marine terraces, river valleys
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Dip

Down-slope shape: Concave Across-slope shape: Concave, linear

Ecological site: F144BY002ME - Marine Terrace Depression

Hydric soil rating: Yes

Roundabout

Percent of map unit: 2 percent

Landform: River valleys, marine terraces

Landform position (three-dimensional): Tread, talf

Down-slope shape: Linear Across-slope shape: Linear Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Cumberland County and Part of Oxford County, Maine