

VXC: PC 11/2

PXhibit #1

FILE CONT

Open Space Subdivision

Application for Special Exception Use

Planning Commission Old Saybrook, CT



Prepared for:
River Sound Development LLC

August 30, 2004



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APPLIC/	TION FOR SIT	E PLAN OR SPECI	AL EXCEPTI	ON USE	•
APPLICANT River Soun	d Developmen	t, LEC	APPLICAT	TION #	-
<u> </u>	<u> </u>		MAP # 56	,55,6 LOT #_6,3,1	5-17-
THIS APPLICATION FOR FOLLOWONG SECTION(S)	OF THE ZONIN	G REGULATIONS C	'ION USE IS OF THE TOWN	SUBMITTED UNDER OF OLD SAYBROOK	THE
· · · · · · · · · · · · · · · · · · ·) SEC. 52 -) SEC. 53 -) SEC. 55 - ×) SEC. 56 -	SITE PLAN SPECIAL EXCEPT SPECIAL EXCEPT CONDOMINIUM DI OPEN SPACE SUE EXCAVATION AND	'ION. (BOARD STRICT DIVISION	G COMMISSION) OF APPEALS)	
INDICATE APPLICANT'S	INTEREST IN	THE PROPERTY	Owner		
			·	1	
WERE ANY-WAIVERS GRAN IF YES, EXPLAIN	TED IN CONNE	CTION WITH THIS	APPLICATI	ON? NO	
HAS A PREVIOUS APPLICAT	ATION BEEN F	ILED FOR THIS P	ROPERTY OR	PREMISES? No	
DENTIFY ALL DOCUMENT	S SHRMTTTED:				
		OF USE, DATED	8/30/04	•	
• •		, DATED .		• • •	
•	,	URAL PLANS, DAT			
D	. SURVEY MAI	P, DATED 1/15	/99 Rev. 1	<u>/</u> 28/03	•
E	. DECLARATION	ON (SEC. 55 ONL	Y)	······································	
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DO NOT WRITE BELOW TH	IS LINE: FO	R ZONING DEPART	ment use o	NLY.	
DATE APPLICATION FIRS	T RECEIVED B	Y,ZONING ENFORC	EMENT. OFFI	CER	
WAS APPLICATION SUBMI	TTED IN ACCO	RDANCE WITH THE	ZONING RE	GULATIONS?	
IF APPLICATION WAS RE	TURNED, CITE	TERFOOM		· · · · · · · · · · · · · · · · · · ·	
	DATE	HEARING	DATE	CONTINUE ANTANO	
COMMISSION/BOARD	OF RECEIPT	DATE(S)	APPROVED	STIPULATIONS	
BOARD OF APPEALS					
INLAND WETLANDS		· · · · · · · · · · · · · · · · · · ·			
ANNING COMMISSION ZONING COMMISSION	annyklaway murti.				<u> </u>
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DEADLINE FOR PUBLIC H	EARING	. DEADLL	NE FOR DEC	TOTOM	

TO: ZONING ENFORCEMENT OFFICER Date Resid: TOWN OF OLD SAYBROOK	Application No: 04-257
APPLICATION FOR CERTIFICATE OF ZONING COMPLIANCE	BLDG. PERMIT: YESNO
General Information	
Applicant's Name: River Sound Development, LLC Applicant's Address: C/O BL Companies, 355 Research Owner's Name: River Sound Development, LLC Owner's Address: 7311 South View Court, Fairfax Property Location (Street Name) Ingham Hill Rd-Bokum Rd S Assessor's Map # 56, 55, 61 and Lot # 6, 3, 15-17-1 Zoning Corner Lot (yes/no); Square Footage of Lot no /3934 Act Street W	
Environmental Information	
Is Property located in Flood Zone "V"? Yes No X Section 4(b) of Is Property located in Conservation Zone? Yes No X (The Connect Is Property located in Inland Wetlands? Yes X No Act)	dary as defined in
Existing Use	
Describe Existing Use: Structure(s); height; square footage of each floor Vacant land	
Proposed Use	
Open space subdivision Par. 72.7.6 Measurements and Certifications: Prior to issuance of a CERTIFICA cant shall furnish to the Zoning Enforcement Officer a plot plan, or a SITE DEV by a land surveyor licensed to practice in the State of Connecticut, showing the land structures on the lot as built. I acknowledge that it is the owner's and agent's responsibility to conform to all the Saybrook.	IFE OPMENT PLAN, if applicable, certured location and serback distances for buildings the Zoning Regulations in the Town of Old
Signature Applicant/Agent Address BL Companies 355 Research Parks	Tel 800-301-3077 Dam way, Meriden, CT 06450
Required Reviews Section II REPORTEY ENVIRONMENTAL HEALTH DEPARTMENT Septic System/Water Supply approved by:	ate
Section III APPLICATION FOR FLOOD AREA HAZARD PERMIT (See Par. Flood Hazard Permit # Approved By Do	
Section TV COASTAL SITE PLAN APPLICATION (See Par. 723.21) Exempt from Coastal Site Plan Review under Sec. 723.2 of Zoning Regular Coastal Site Plan Review conducted and approved on Section V APPLICATION FOR CERTIFICATE OF ZONING COMPLIANCE PURSUANT TO SECTIONS: Zoning Enforcement Officer Date	IS APPROVED DENIED
CERTIFICATE OF ZONING COM	
I CERTIFY THAT THE USES AND STRUCTURES ESTABLISHED UN EXAMINED ANF MEET THE REQUIREMENTS OF THE OLD SAT	DER THIS APPLICATION HAVE BEEN YBROOK ZONING REGULATIONS.
Zoning Enforcement Officer	Date

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Statement of Use

This statement of use is provided in accordance with the Old Saybrook Zoning Regulations Section 56.3.4.

Resources

The open space resources of the site consist of forested areas, Pequot Swamp Pond, Old Ingham Hill Road, the Ingham homestead foundation and farm area, wetlands and watercourses, vernal pools, identified wildlife habitats and existing trail systems.

Use

The proposed Preliminary Open Space Subdivision Plan is an open space and recreation community with a variety of housing options and recreational choices, including a golf course. The plan incorporates the residential units and country club into the landscape by utilizing a clustered planning approach – thus preserving a vast amount of the landscape. The subdivision concept plan consists of one PRD lot to accommodate 179 single family and duplex units, one lot for the country club, 45 half to three-quarter acre individual building lots and 24 one to three acre individual building lots, with the remaining land dedicated as open space.

Open Space Purposes

The proposed Preliminary Open Space Plan has been designed to respond to extensive current knowledge of natural and cultural resources, topography and existing open space systems. It meets the following Purposes of the Open Space Subdivision regulation.

Natural Resource Protection

In addition to providing recreation the open space provides protective habitat for areas of sensitive landscapes. Steep slopes, wetlands, streams and sensitive soils are protected by large tracts of contiguous forest land. Known habitats for resources identified in the CT Natural Diversity Database, as supplemented by extensive on-site investigation and inventory, and references within the Eastern Connecticut Environmental Review Team Report, have been verified and taken into consideration as appropriate in planning the open space system.

Wetland areas that provide natural drainage flood conveyance are preserved and protected. Pequot Swamp Pond as well as large wetland areas east and west of the pond will continue to assist in controlling run off.

Recreation Opportunities

The open space has various trails formed through past land uses. These trails are easily passable by bicycle or on foot and provide access to the landscape. In addition, new trails will be proposed to complement the existing system and link to adjacent open space areas – currently owned by the town of Old Saybrook. Furthermore, a parking area, pavilion and kiosk are proposed at the westside of the site. This "nature center" will provide for trail access, picnic and parking.

Enhancing access to publicly owned open space and promoting alternative transportation a 6' wide paved greenway is proposed. This greenway will continuously run parallel to the main spine road from Route 153, Westbrook to Bokum Road, Old Saybrook. The greenway resides on one side of the street and offers 2.5 miles (east to west) of recreation and access to the open space.

Cultural and Scenic Resource Protection

The site's cultural and scenic resources will remain protected. The former Ingham Hill Road — connecting Ingham Hill Roads in Essex and Old Saybrook will remain undisturbed except for the main road crossing. This gravel road (former Ingham Hill Road) will be within the public open space system and pedestrian access will be restored and enhanced. Along Old Ingham Hill Road are the remains of the former Ingham Homestead. The remaining foundation (east side of Old Ingham Hill Road) and site of the farm immediately west will remain. Many of the most majestic trees and stonewalls on the property are found at the farm area — thus being preserved and maintaining the beauty of the site.

Method of Preservation and Disposition

This proposal anticipates 54.1 % of the site (483.3 acres) to be conveyed in fee to the Town of Old Saybrook as preservation open space, including the "nature center". An additional 6.6 % (58.9 acres) of the site will have conservation restrictions conveyed to the Town to prohibit development and further protect the landscape. A total of 60.7% (542.2 acres) of landscape will be protected.

Water Supply and Sanitary Sewerage Disposal

Potable water will be supplied to all uses within the development. Connecticut Water Company will be the supplier, owner and operator of the water system. Well water will accommodate golf course irrigation needs supplemented by impoundment areas, subject to regulatory approval of the Connecticut DEP through a Water Diversion permit.

Sanitary sewer will be provided by multiple on site community leaching areas. Prior to dispersal of the leachate the effluent will be treated at a central treatment plant. The effluent will be filtered to meet State of Connecticut Department of Environmental Protection Standards prior to being pumped to the leach areas. The systems will meet the regulatory requirements of the State of Connecticut DEP and the Old Saybrook WPCA.

Engineers Determination of Minimum Area of Buildable Land (MABL)

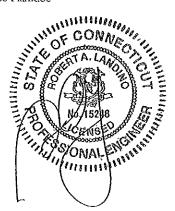
The Minimum Area of Buildable Land (MABL) requirements were met by utilizing published soil data confirmed by certified soil scientist, Michael Klein, and existing test pit data that was conducted in support of past applications - not associated with River Sound Development LLC - and supplemental testing conducted by the applicant. The State of Connecticut Health Code was used for separation to bedrock and groundwater as it relates to onsite subsurface sanitary system design (24" and 18" respectively). (See sheet SA-4 for soil delineation.)

Based upon the published data (NRCS) the dominant soils on site are Charlton — Chatfield complexes with slope 3 - 45 percent (NRCS 73C and 73D). As noted in the respective soil descriptions provided on sheet SA-5, depth to ledge is generally 29 – 36 inches and depth to ground water is generally six feet or greater. Permeability rates for each soil type are similar to the past SCS soil description for Charlton Hollis. NRCS publishes the expected minimum permeability rate, which in this case is consistent with the past SCS minimum permeability for this soil.

The SCS descriptions note permeability rates in the range of .6 - 6" /hr at depths up to 60". Therefore the majority of the soils within these soil designations will have permeability rates within the acceptable range as allowed by the State of Connecticut Health Code. Based upon these descriptions and considering the percent of each component within the complex it can be assumed the soils will support a filled on site sanitary system.

Where lots are proposed in areas of actual test pits, field log data supplemented the NRCS information during planning and lot layout. In general, when the field test information showed depth to groundwater was less than 18" and/or depth to bedrock less than 24", an on site septic system was not proposed in this vicinity. If this criterion was met within this area it was determined to be suitable for on site subsurface sanitary systems.

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Proposed Open Space and Protected Landscape Area Calculations - Open Space Subdivision Old Saybrook Lot Area (Note: All calculations omit Bokum Road property)

August 30, 2004

Open Space

Use	Required Percent of Site	Acres	Percent of Site (or Lot)	Acres
Open Space - Overall* (Fee Open Space)	50.0%	446.6	54.1%	483.3
Golf Course				
Min. Lot Size Max Disturbance	n/a 65,0%	200 130	n/a 65.0%	218.45 141.92
PRD***				
Minimum Lot Size Open Space	n/a 50.0%	67.13 33.57	n/a 50.7%	67.13 34.06

* Froposed Open Space Acreage Includes PRD Open Space

** Protected In the form of conservation easement

***PRD Lot Area Calculation

Total Minimum Site Area	67,13
Total Bedrooms per Acre Bedrooms per Section 55,6,2	ω
Total Bedrooms	537
No, of Bedroams per Unit	တ
Proposed No. of Units	179

Protected Landscape

Use	Acres	Percent of Site
Goif Course**	34.87	3.9%
SFD Lots**	24.07	2.7%
Easement Subtotal	58.94	%9'9
Open Space Subtotal	483.3	54.1%
Total Protected Landscape	542.24	%2'09

Housing Summary

Dtion ached (PRD) fached (PRD) Lots	,	
led (PRD)	Housing Option	Quantity
hed (PRD)	Village Attached (PRD)	8
- · · · - · · · · · · · · · · · · · · ·	Village Detached (PRD)	68
-	3/4 Acres Lots	45
-	Estate Lots	24
	Total Units	αVC

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** Protected in the form of conservation easement

***PRD Lot Area Calculation

	T
Total Minimum Site Area	67.13
Total Bedrooms per Acre Bedrooms per Section 55.6.2	8
Total Bedrooms	293
No. of Bedrooms per Unit	m
Proposed No. of Units	179

Protected Landscape

Use	Acres	Percent of Site
Golf Course**	34.87	3.9%
SFD Lots**	24.07	2.7%
Easement Subtotal	58.94	%9;9
Open Space Subtotal	483.3	54.1%
Total Protected Landscape	542.24	%2'09

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hed (PRD)	VIIIage Attached (PRD)	8
	Village Detached (PRD)	89
	3/4 Acres Lots	45
	Estate Lots	24
Total Units 248	Total Units	248