

Civil Site Planning Environmental Engineering

133 Court Street Portsmouth, NH 03801-4413

July 22, 2021

Kittery Planning Board 200 Rogers Road Kittery, Maine 03904

Re: Shoreland Development Plan Application

134 Whipple Road Kittery, Maine

Dear Members of the Board,

On behalf of the applicant, Amy and Nick Mercier, we respectfully submit a Shoreland Development Plan application for property located at 134 Whipple Road. The property currently has a residence and dock on the Back Channel. The applicant is proposing to raze the existing house and construct a new one along with various other site improvements.

If you have any questions or need additional information, please contact us. Thank you for your time and consideration.

Sincerely,

ALTUS ENGINEERING, INC.

Erik B. Saari Vice President

ebs/5186-00-CoverLetter-072721

Enclosures

Tel: (603) 433-2335 E-mail: Altus@altus-eng.com

SHORELAND DEVELOPMENT PLAN APPLICATION



TOWN OF KITTERY

Planning & Development Department

200 Rogers Road, Kittery, ME 03904 Telephone: 207-475-1323 Fax: 207-439-6806

MAP LOT
DATE:
FEE: <u>\$ 200.00</u>
ASA*:

PROPERTY DESCRIPTION		Physical Address	134 Whipple F	Road		
		Base Zone	R-U	Overlay Zone (s)	OZ-SL-2	50
		Name	Amy & Nicolas	Mercier		35 Goffstown Road
OWNER INFORM		Phone			Mailing Address	Hooksett, NH 03160-2400
		Email	nick@macyind	l.com	71441000	
		Name	Erik Saari		Company	Altus Engineering, Inc.
AGENT		Phone	(603) 433-2335 esaari@altus-eng.com			133 Court Street
INFORM	IATION	Email			Mailing Address	Portsmouth, NH 03801
		Fax				
		Name	Same as Owner			
APPLICA INFORM		Phone			Mailing Address	
		Email				
DESCRIPTION	Existing	Singl	•			
PROJECT DE				razed and replaced watructed in a new locat		-family home. Existing stairs to be

z	Please etc.)	describe any construction constraints (we	tlands, shoreland	overlay zone, flood plain, non-conformance,			
PROJECT DECSCRIPTION	The site has tidal frontage on the Back Channel and is within the Shoreland Zone. A small section of floodplain skirts the water frontage. The existing site is non-conforming in terms of devegetated area.						
				or this application that is true and correct and I			
		m the Plan submitted without notifying the	·	relopment Department of any changes.			
Applicant Signature		23 (Agent)	Owner's Signature:	See attached Letter of Authorization			
Date:		07/22/21	Date:				
		e Accounts: Fees to pay other direct costs. Title 3, Chapter 3.3.	necessary to com	plete the application process, not including			
		MINIMUM PLAN SUB	MITTAL REQUIRI	EMENTS			
		of this Application Form, all supporting copies may be half-size (11"x17") and 2		the Development Plan and Vicinity Map			
		lopment Plan format and content:	must be run-size	. (24 800)			
A) Paper	Size; no	less than 11" X 17" or greater than 24" X	36"				
D) DI 0	1 .	-					
B) Plan S ☐ Under ☐ 10 + a	10 acre	es: no greater than 1" = 30' = 50'					
C) Title B							
		nd Development Plan Ime and address					
☐ Name	of prep	arer of plan with professional information					
		y tax map identification (map – lot) in botto or aerial photo showing geographic fea		round the site.			
D) Signat			,				
		ture by Planning Board Chair and Date of I	Planning Board Aր	proval			
		Development Plan must include the foll	owing existing and p	proposed information:			
Existing:				n must show the lightened existing topography ed project plan for comparison.)			
		and boundaries		. , . , ,			
☐ Topographic map (optional)☐ Wetlands and flood plains☐ Setback lines and building envelopes							
☐ Water bodies and water courses ☐ Lot dimensions							
Lot dime	☐ Lot dimensions ☐ Streets, driveways and rights-of-way						
Utilities		septic, water, electric, phone) ys and rights-of-way	Structures	olume, devegetated area, and building coverage			
□ Structur	res			Marino, devegerated area, and building coverage			
☐ Distance from structure to water body and property lines ☐ Floor area, volume, devegetated area, and building coverage ☐ Nearest driveways and intersections ☐ Nearest fire hydrant ☐ Nearest significant water body; ocean, wetland, stream							
			☐ Nearest signi	noant water body, ocean, wetland, stream			

Expansion/Construction Analysis within the Shoreland Overlay Zone¹ (see Table 16.9)

Size of water body or wetland: ☐<500 sf	<5	01 sf-1	acre	x >1	acre
Structure distance from water	r body:	40.7'	feet		

STRUCTURE	Existing	Proposed	% Increase*		
SF (Area)	1,358 sf	1,605 sf	18.2 %		
Construction:	New:	New: Demo/Rebuild: 🛚			
Maintenance/repair:				\$ 400,000	
*Total increase in area may not exceed 30% for any new construction since 1/1/1989.					

PARCEL DE-VEGETATION	% Allowed*	Existing SF	Proposed SF	% Proposed*		
Lot Size (sf) 13,381	20 %	3,292 sf	3,280 sf	24.5 %		
*See underlying zone standards for de-vegetated area percent allowed within a Shoreland Overlay.						

BUILDING COVERAGE	% Allowed*	Existing SF	Proposed SF	% Proposed*		
Lot Size (sf) 13,381	Ex.+30 %	1,358 sf	1,605 sf	12.0 %		
*See underlying zone standards for building coverage percent allowed.						

¹Calculations for area, volume, and de-vegetated areas must be included on the final plan and certified by a State of Maine registered architect, landscape architect, engineer, or land surveyor.

Rev. 2018

Mercier Residence Shoreland Development Plan

134 Whipple Road Kittery, Maine

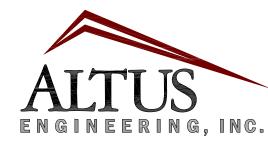
Owner/Applicant:
Amy L. & Nicholas E. Mercier

35 Goffstown Road Hooksett, NH 03106-2400 (603) 674-8239

Residential Designer:
Brendan McNamara

19 Doe Drive Eliot, Maine 03903 (xxx) xxx-xxxx

Civil Engineer:



133 Court Street Ports (603) 433-2335 www

Surveyor:

North

W EASTERLY

SURVEYING, Inc.

SURVEYORS IN N.H. & MAINE 191 STATE ROAD, SUITE #1

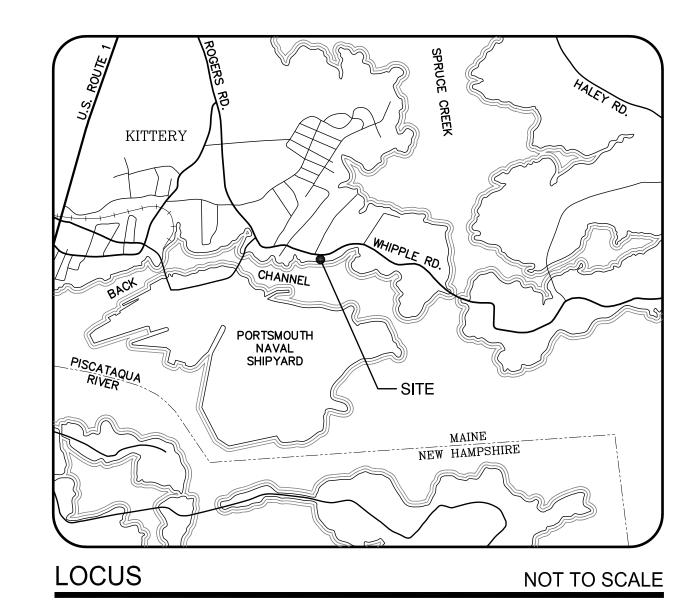
(207) 439-6333 KITTERY, MAINE 03904

Assessor's Parcel 10, Lot 6A

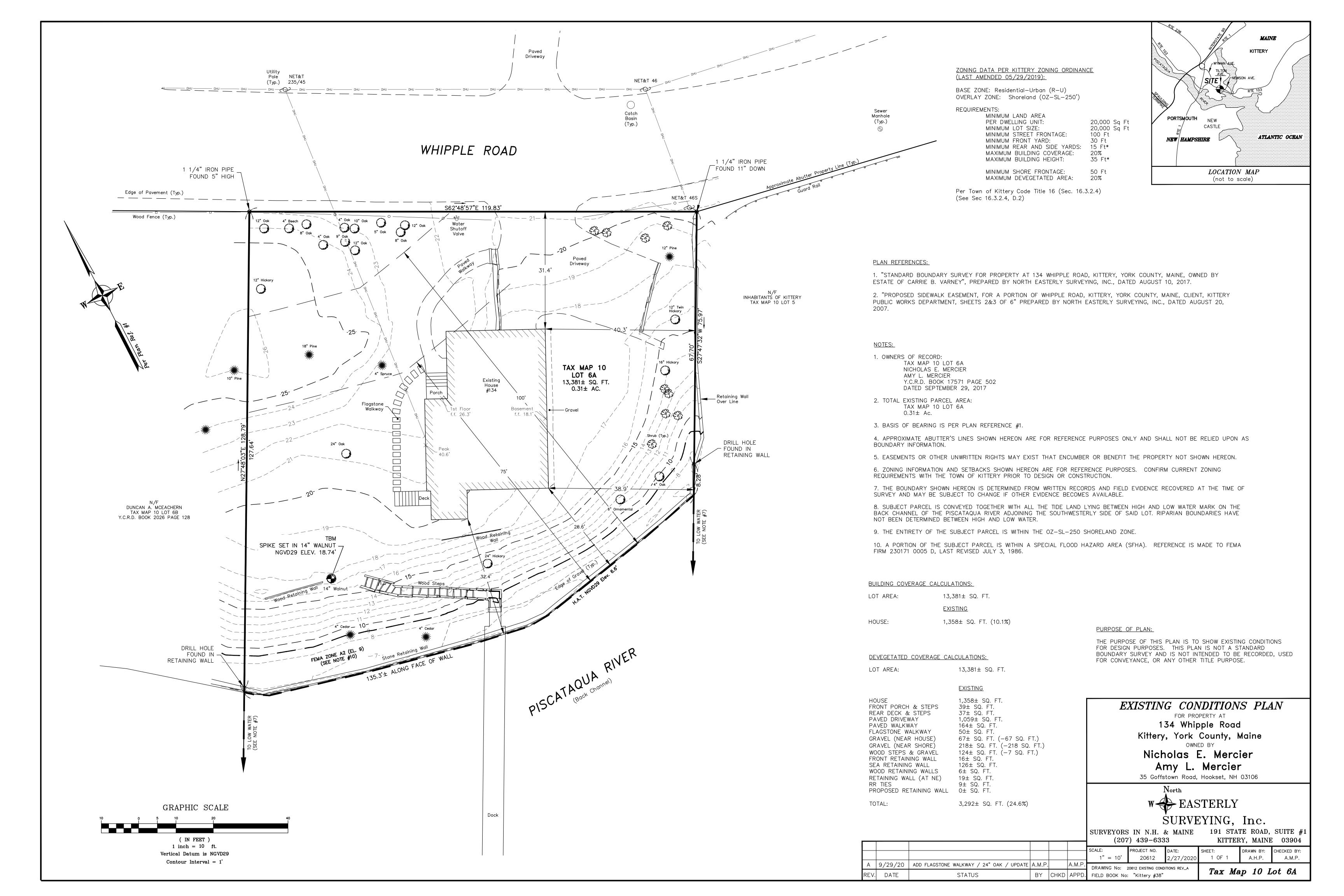
Issued for Planning Board

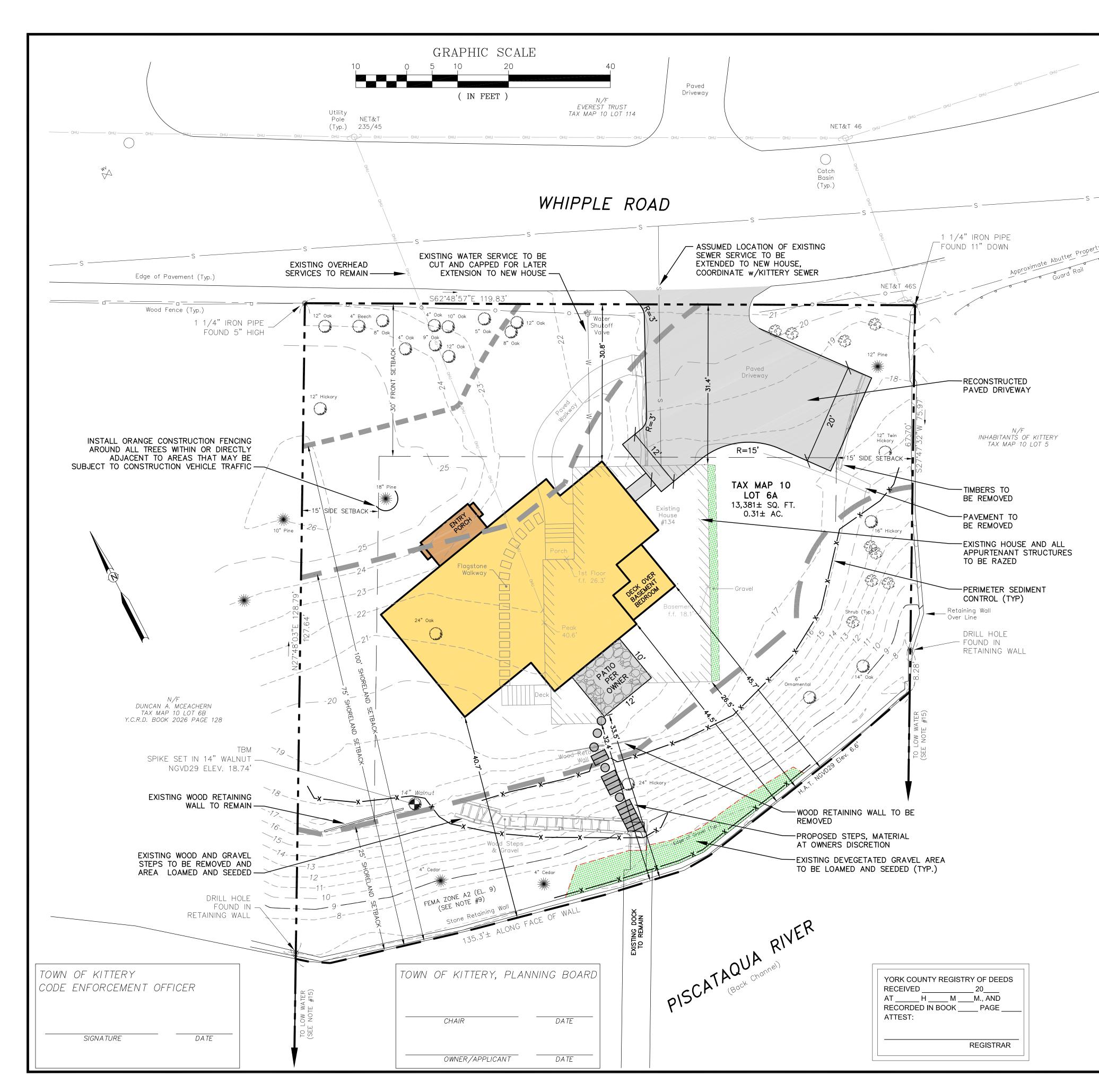
Plan Issue Date:

July 22, 2021



Sheet Index Title	Sheet No.:	Rev.	Date
Existing Conditions Plan	1 of 1	А	09/29/20
Proposed Shoreland Development Plan	C-1	0	07/22/21
Proposed First Floor Plan	Page 1	0	06/20/21
Proposed Basement Floor Plan	Page 2	0	06/20/21
East Elevation	Page 3	0	06/20/21
South Elevation	Page 4	0	06/20/21
West Elevation	Page 5	0	06/20/21
North Elevation	Page 6	0	06/20/21





SITE NOTES

- DESIGN INTENT THIS PLAN SET IS INTENDED TO DEPICT THE REPLACEMENT OF AN EXISTING HOUSE TOGETHER WITH VARIOUS SITE IMPROVEMENTS.
- 2. PLAN REFERENCE: "EXISTING CONDITIONS PLAN FOR PROPERTY AT 134 WHIPPLE ROAD, KITTERY, YORK COUNTY, MAINE", DATED FEBRUARY 27, 2020, PREPARED BY NORTH EASTERLY SURVEY, INC.
- 3. APPROXIMATE LOT AREA: 0.31 AC. \pm (13,381 S.F. \pm)
- 4. ZONE: RESIDENTIAL-URBAN (R-U) OVERLAY ZONE: SHORELAND (OZ-SL-250')
- 4. DIMENSIONAL REQUIREMENTS PER TOWN OF KITTERY CODE TITLE 16 (SEC. 16.3.2.4):

MIN. LAND AREA PER DWELLING UNIT: 20,000 S.F. MIN. LOT SIZE: 20,000 S.F. MIN. STREET FRONTAGE: 100' FRONT SETBACK: SIDE SETBACK: **REAR SETBACK:** MAX. BUILDING HEIGHT: 23.0' (EXISTING) PROPOSED = 23.0'MAX. BLDG. COVERAGE: EXIST. COVERAGE (1,358 SF) + 30% = 1,765 SFMIN. SHORE FRONTAGE: SHORELAND SETBACK: MAX. DEVEGETATED AREA: 20%

- 5. ALL CONSTRUCTION SHALL MEET THE MINIMUM STANDARDS OF THE TOWN OF
- 6. ALL EROSION CONTROL MEASURES SHALL COMPLY WITH STATE (DEP) AND LOCAL
- 7. SUBJECT PROPERTY IS SERVICED BY TOWN WATER & SEWER. COORDINATE ALL SERVICE RECONNECTIONS TO NEW HOUSE w/KITTERY WATER AND SEWER.
- 8. HIGHEST ANNUAL TIDE (H.A.T.) IS TAKEN FROM MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION DATA.
- 9. THE ENTIRE PARCEL IS LOCATED WITHIN THE OZ-SL-250 ZONE.
- 10. A PORTION OF THE PARCEL IS WITHIN A SPECIAL FLOOD HAZARD AREA (SFHA) PER FEMA FIRM 230171 0005 D. LATEST REVISION JULY 3, 1986.
- 11. ALL BONDS AND FEES SHALL BE PAID/POSTED PRIOR TO INITIATING CONSTRUCTION.
- 12. THE CONTRACTOR SHALL VERIFY ALL BENCHMARKS AND TOPOGRAPHY IN THE FIELD PRIOR TO CONSTRUCTION.
- 13. THE CONTRACTOR SHALL VERIFY ALL BUILDING DIMENSIONS WITH THE ARCHITECTURAL AND STRUCTURAL PLANS PRIOR TO CONSTRUCTION. ALL DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER FOR RESOLUTION.
- 14. BUILDING AREA SHOWN IS BASED ON FOOTPRINT MEASURED TO THE EDGE OF FOUNDATIONS AND/OR SLABS. ACTUAL INTERIOR SPACE WILL DIFFER.
- 15. THE BOUNDARY SHOWN HEREON WAS DETERMINED FROM WRITTEN RECORDS AND FIELD EVIDENCE RECOVERED AT THE TIME OF SURVEY BY NORTHEASTERLY SURVEYING AND MAY BE SUBJECT TO CHANGE IF OTHER EVIDENCE BECOMES AVAILABLE.
- 16. AVERAGE GRADE CALCULATIONS: MEASURED AT DOWNHILL SIDE OF EXISTING RESIDENCE USING 5' INTERVALS EXISTING AVERAGE GRADE: 17.6'
- 17. ALL PERIMETER SEDIMENT AND EROSION CONTROL MEASURES (I.E. SILTFENCE, SILTSOXX OR FILTER BERM) MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY EARTHWORK ACTIVITIES.
- 18. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH 6" OF COMPACTED LOAM AND SEED.

BUILDING COVERAGE/DEVEGETATION CALCULATIONS

SHORELAND SETBACKS

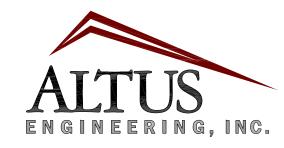
	<u>0 - 100'</u>	<u>100' - 250'</u>	ENTIRE LOT
EXISTING BUILDING COVERAGE:	±1,358 SF	±0 SF	±1,358 SF (10.1%
PROPOSED BUILDING COVERAGE	±1,605 SF	±0 SF	±1,605 SF (12.0%
EXISTING DEVEGETATION CALC:	±3,292 SF	±0 SF	±3,292 SF (24.6
PROPOSED DEVEGETATION CALC:	±3,045 SF	±0 SF	±3,280 SF (24.5

* AREAS AND HEIGHT LIMITATIONS ARE PER KITTERY LAND USE AND DEVELOPMENT CODE (TITLE 16) SECTION 16.7.3.3.B(3)(e)[5][a] / SECTION 16.3.2.17.D(1)(d)

EXISTING DEVEGETATION CALC.: HOUSE, PORCH, DECK & STAIRS (1,434 SF) + PAVED DRIVEWAY (1,059 SF) + PAVED WALKWAY (164 SF) + FLAGSTONE WALKWAY (50 SF) + GRAVEL ADJ. TO HOUSE (67 SF) + GRAVEL AT SEAWALL (218 SF) + WOOD STEPS AND GRAVEL (124 SF) + FRONT RETAINING WALL (16 SF) + SEA RETAINING WALL (126 SF) + WOOD RETAINING WALLS (16 SF) + RETAINING WALL AT NE (19 SF) + RR TIES (9 SF) = ±3,292 SF (24.6%)

PROPOSED DEVEGETATION CALC .: PROP. HOUSE, PORCH & STAIRS (1,605 SF) + WOOD STEPS (REPLACED) (125 SF) + WOOD RETAINING WALLS (30 SF) + SEAWALLS (145 SF) NEW WALKWAY (70 SF) + PATIO (120 SF) + PAVED DRIVE (1,185 SF) = $\pm 3,280$ SF (24.5%)

SUMMARY NOTE: THE HOMEOWNER HAS INTENTIONALLY REDUCED LARGE AREAS OF GRAVEL IN ORDER TO MITIGATE THE MODEST INCREASE IN THE SIZE OF THE RESIDENCE. THE REPLACEMENT HOUSE HAS BEEN PLACED FURTHER FROM THE RESOURCE (PISCATAQUA RIVER) AND A SIGNIFICANT NUMBER OF THE EXISTING TREES WILL BE RETAINED.



133 Court Street (603) 433-2335

Portsmouth, NH 03801 www.altus-eng.com



NOT FOR CONSTRUCTION

ISSUED FOR:

ISSUE DATE:

PLANNING BOARD

JULY 22, 2021

BY DATE

EBS 07/22/2

REVISIONS NO. DESCRIPTION O PLANNING BOARD

RLH DRAWN BY:. APPROVED BY: 5186.dwg DRAWING FILE:

SCALE:

 $22" \times 34" - 1" = 10"$ $11" \times 17" - 1" = 20"$

OWNER/APPLICANT:

AMY L. & NICHOLAS E. MERCIER

35 GOFFSTOWN ROAD HOOKSETT, NH 03106-2400

PROJECT:

MERCIER RESIDENCE **SHORELAND DEVELOPMENT PLAN**

TAX MAP 10, LOT 6A

134 WHIPPLE ROAD KITTERY, MAINE

TITLE:

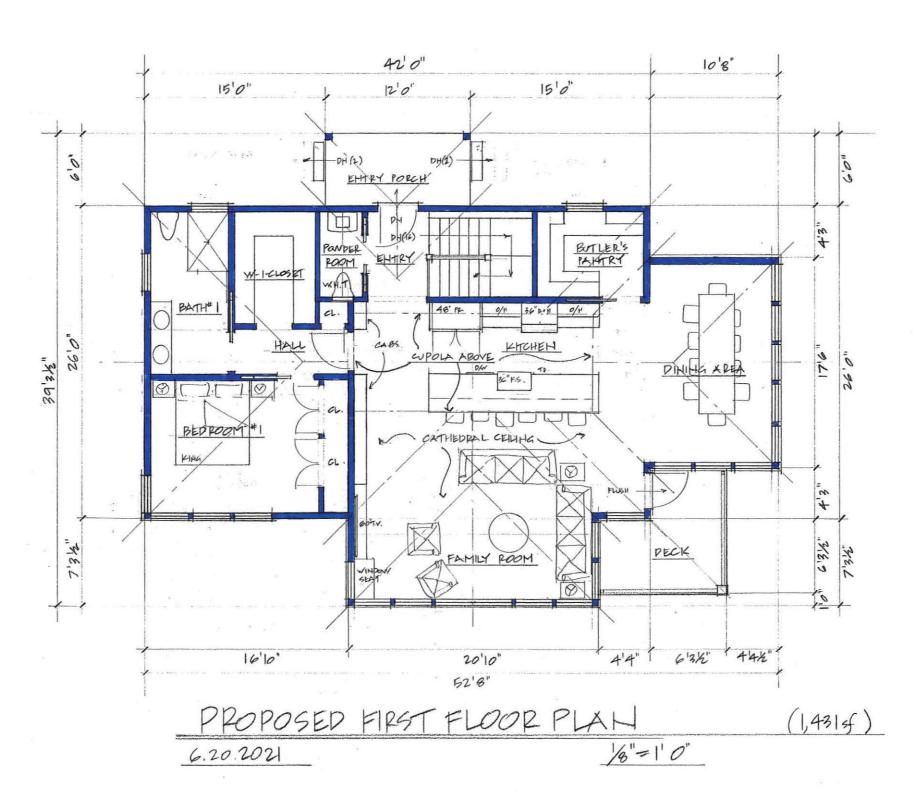
PROPOSED SHORELAND DEVELOPMENT PLAN

SHEET NUMBER:

19 Doe Drive Eliot, ME 03903

207 439 3521 Phone

BrendanMcNamara.com



TITLE: PROP FIRST FLOOR PLAN

DATE: 620,202

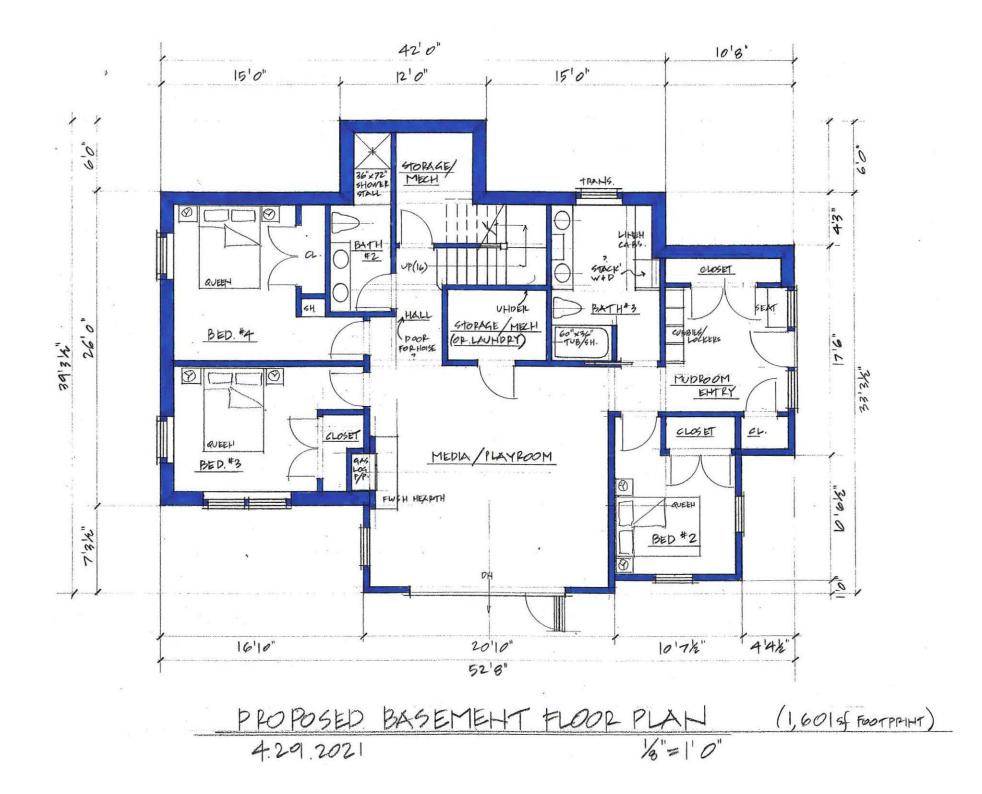
MERCIER RESIDENCE 134 WHIPPLE RD. AITTERY, MAINE

PAGE 1.

19 Doe Drive Eliot, ME 03903

207 439 3521 Phone

BrendanMcNamara.com



THUE: PROP BASEMEN

DATE: 4.2

が大力

DEVISIONS:

MERCIER RESIDENCE 134 WHIPPLE RD, AITTERY, MAINE

PAGE 2.

6.20.2021

TT

MERCIER PESIDENCE WHIPPLE 124

PAGE 3.

THLE: PROP'EXSTELEVATION

CUPOLA SKYLIGHT (HO FLOOD)

EASTELEVATION 18=10 6.20.2021

HOPOF PIRCE

HOYD 28.29"

HAYD 18.0'

6.20.2021

MERCIER RESIDENCE <u>a</u> Ö., WHPPLE 48

PACE 4.

THLE: PROP. 20X LE

1 12 109E 1 140/0 41.8' 187 PL. 1 NAVD 28.29' HAYD IB.0'

SOUTHELEVATION 16"=10"

THLE: PROP' WEST ELEVATION

5CX LE: 1/2"=10"

DATE: 6.20.2021

DEVISIONS:

MERCIER RESIDENCE 134 WHIPPLE PD.

PAGE 5.

HAYD 41.8'

165 place Have 28.291

BASE GLAB

WEST ELEVATION
6"=1'0"

HORTHELEVATION
16"=1"0"

TITLE: PROP'NORTH (ROAD) ELEVATION

5CX LE: 1/2 = 10 =

MERCIER RESIDENCE

WHIPPLE DD.

42

DATE: 620:20

PENIO IONA

PAGE 6.