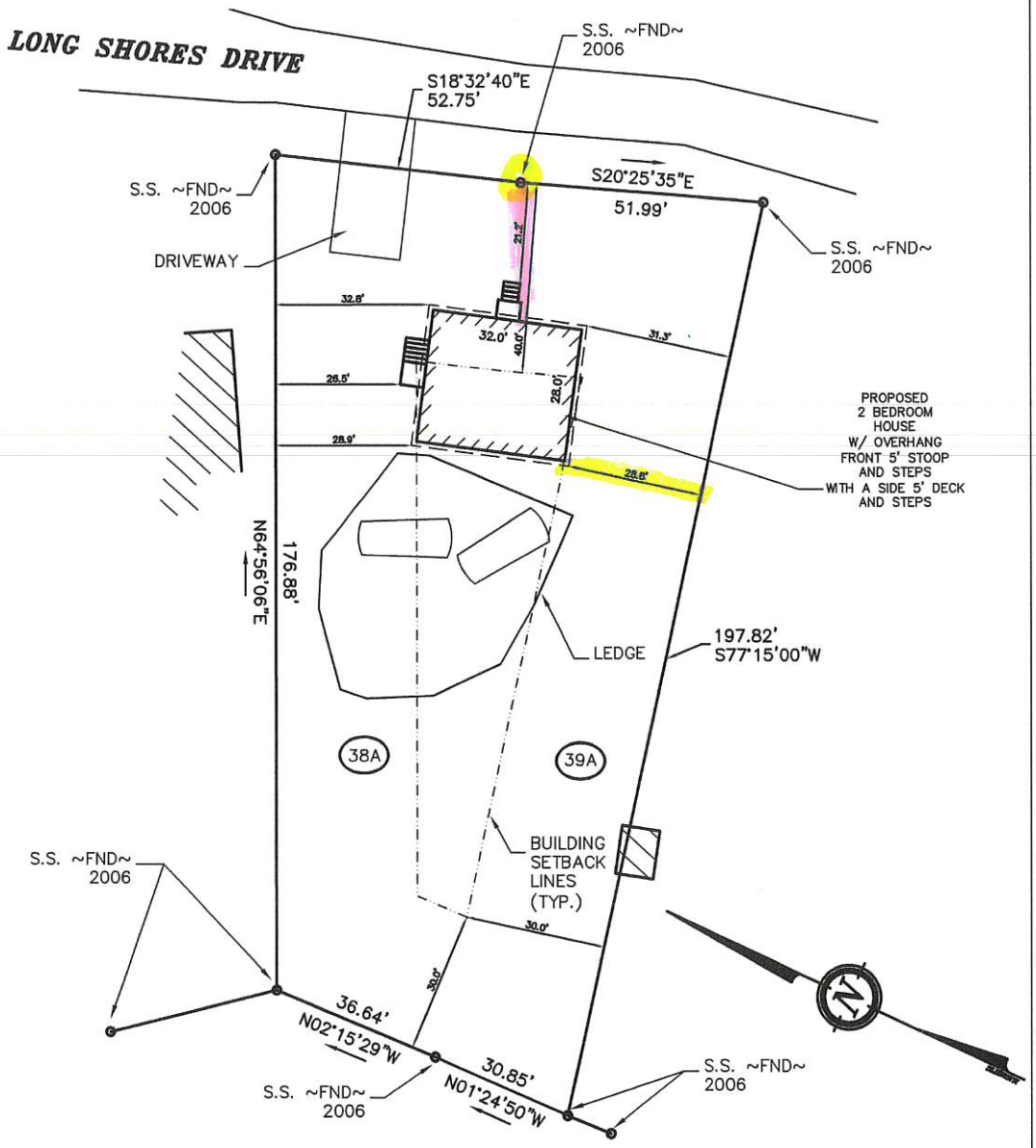


THIS IS NOT A BOUNDARY SURVEY

ZONE:
GENERAL

SETBACKS:
FRONT: 40.0'
SIDE: 30.0'
REAR: 30.0'

S.C.R.D.:
BOOK 3243, PAGE 425
P#11,F#2, PLAN#22

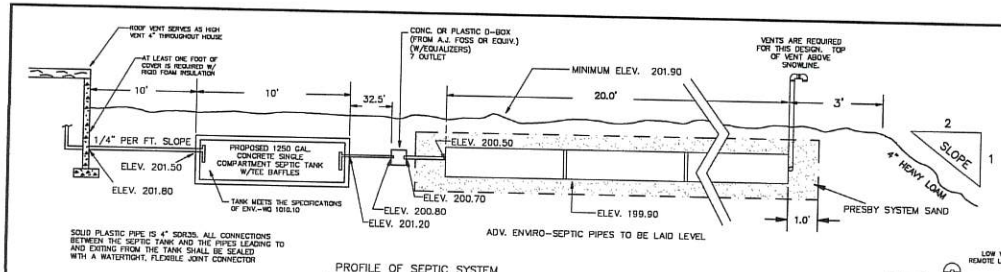
CERTIFIED PLOT PLAN / ZBA SKETCH
FOR
CASTONGUAY VENTURES LLC
LONG SHORES DRIVE
BARRINGTON, NH
TAX MAP 101, LOT 56

STATE OF NEW HAMPSHIRE
No. 805
KENNETH A BERRY
LICENSED LAND SURVEYOR
SIGNATURE

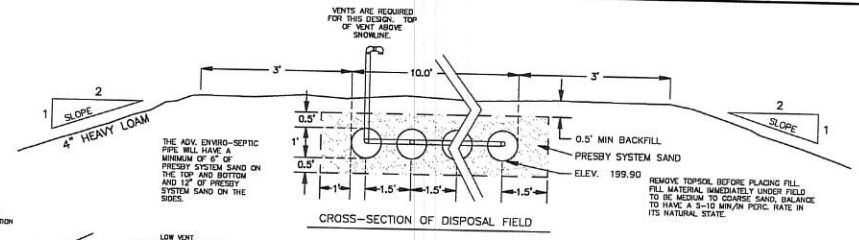
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD.
BARRINGTON, N.H. 332-2863

SCALE :	1 IN. EQUALS 30 FT.
DATE :	APRIL 28, 2021
FILE NO. :	DB 2021 – 027

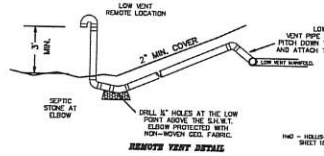
RECEIVED
APR 28 2021
LAND USE OFFICE



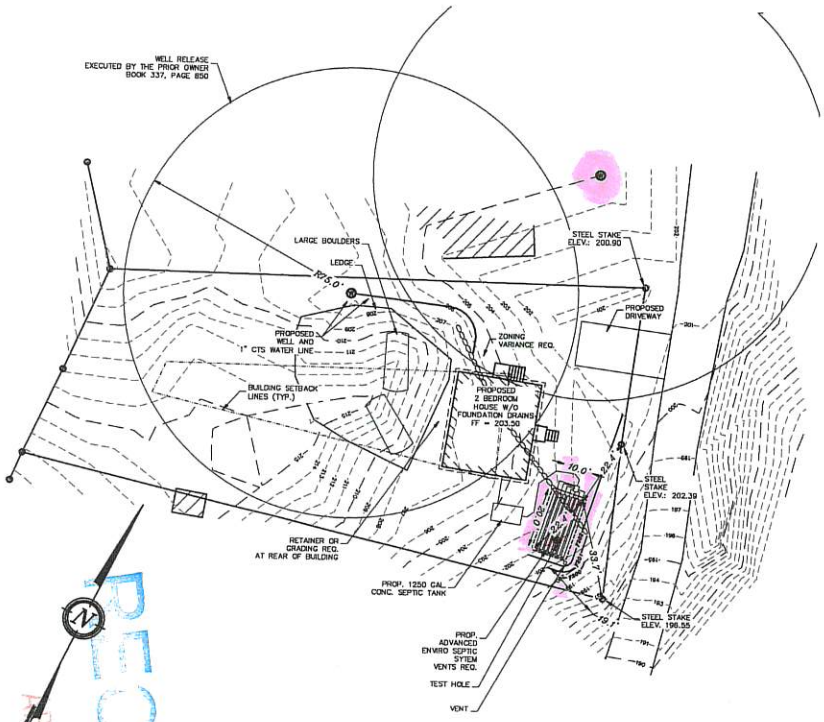
PROFILE OF SEPTIC SYSTEM



CROSS-SECTION OF DISPOSAL FIELD



REMOTE VENT DETAIL



SOIL DATA :

HnD – HOLLIS-CHATFIELD, FINE SANDY LOAM, 15 – 25% SLOPES
SHEET 14, SOIL SURVEY OF STRAFFORD COUNTY, N.H.

TEST PIT DATA:

TESTHOLE 2-16-06

0	10YR 3/2 VERY DARK GRAYISH BROWN FINE SANDY LOAM, GRANULAR, FRIABLE, MODERATE FINE ROOTS
6"	7.5YR 5/8, STRONG BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE, FEW & FINE ROOTS, FEW COBBLES & STONES
16"	2.5YR 6/6, LIGHT RED FINE SANDY LOAM, GRANULAR, FRIABLE, FEW FINE ROOTS
65"	NO APPARENT SHWT NO GW LEDGE @ 65"

PERC RATE
8 MIN/INCH
SOIL CONDITIONS HAVE NOT CHANGED SINCE PIT WAS CONDUCTED

CALCULATIONS :

2 BEDROOM HOUSE, 300 GPD
USE 1250 GAL. SINGLE COMPARTMENT CONCRETE SEPTIC TANK (FROM A.J. FOSS OR EQUIV.)

8 MIN/IN MEASURED PERC RATE
8 MIN/IN DESIGN PERC RATE
140 – MIN. LENGTH ADV. ENVIRO SEPTIC PIPE REQUIRED
140 – PROPOSED LENGTH OF ADV. ENVIRO SEPTIC PIPE
14 – TOTAL NUMBER OF 10' SECTIONS OF ADV. ENVIRO SEPTIC PIPE REQUIRED
7 ROWS OF ADV. ENVIRO SEPTIC PIPE, EACH ROW 20' LONG

ELEVATIONS :

203.30 – HIGH POINT OF LEACH BED
197.90 – S.H.W.T.
N/A – IMPERVIOUS LAYER
195.50 – BOTTOM OF ADV. ENVIRO-SEPTIC PIPES

PLAN INTENT :

THE SEPTIC SYSTEM IS TO BE CONSTRUCTED WITH THE BOTTOM OF THE LEACH BED 3.4' BELOW THE HIGH POINT OF THE EXISTING LAND.
IN THE EVENT OF LEACH BED FAILURE, IT MAY BE REBUILT IN PLACE WITH NHDES APPROVAL.

WETNOTE :

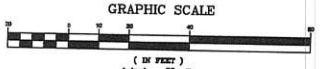
THE WETLAND DELINEATION WAS COMPLETED FEBRUARY, 2018 IN ACCORDANCE WITH THE 1987 CORP OF ENGINEERS WETLAND DELINEATION MANUAL. JURISDICTIONAL WETLANDS WERE IDENTIFIED AND DELINEATED USING THE ROUTINE DETERMINATIONS METHOD AS OUTLINED IN THE MANUAL. THE DELINEATION WAS DONE BY:

CHRISTOPHER R. BERRY, NHDES SUBSURFACE SYSTEMS DESIGNER #1886

CAUTION !!!!!

ANY DEVIATION FROM THIS PLAN IN GRADE OR LOCATION OF THE SEPTIC SYSTEM WHEN CONSTRUCTED WITHOUT THE APPROVAL OF THE DESIGNER AND NH-DES SUBSURFACE SYSTEMS BUREAU MAY RESULT IN THE FAILURE OF THE SYSTEM TO PASS INSPECTION BY NH-DES SUBSURFACE SYSTEMS BUREAU PRIOR TO OPERATION APPROVAL, OR FUNCTION PROPERLY AND SAFELY.

GRAPHIC SCALE



NOTES:

1.) OWNER: CASTONGUAY VENTURES LLC
PO BOX 202
EAST HAMPSTEAD, NH 03826

2.) DESIGNER: CHRISTOPHER R. BERRY #1886
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825

3.) TAX MAP 101, LOT 56

4.) LOT AREA: 0.37 Ac. (TAX RECORDS)

5.) S.C.R.D. BOOK 3243, PAGE 425

6.) SUBDIVISION STATUS: PRE 67

7.) FOUNDATION DRAINS WILL START AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 5' FROM THE SEPTIC TANK.

8.) THERE IS NO SURFACE WATER OR VERY POORLY DRAINED SOILS WITHIN 50', OR VERY POORLY DRAINED SOILS WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM.

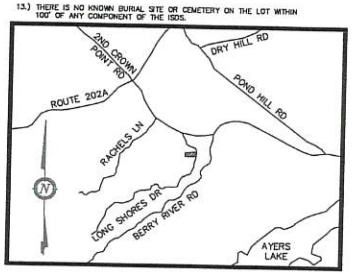
9.) THIS DESIGN DOES NOT ALLOW FOR THE USE OF A GARBAGE GRINDER. IF A GRINDER IS TO BE INCORPORATED A LARGER SEPTIC TANK WILL BE REQUIRED.

10.) THIS DESIGN DOES NOT ALLOW FOR THE ACCEPTANCE OF WATER TREATMENT BACKWASH. IF A WATER TREATMENT SYSTEM IS TO BE INCORPORATED A LARGER LEACHFIELD WILL BE REQUIRED.

11.) IN THE EVENT A DISCREPANCY IS FOUND ON THIS PLAN, THE DESIGNER SHOULD BE CONTACTED IMMEDIATELY AT 603-332-2863 TO DISCUSS AN APPROPRIATE PLAN OF ACTION.

12.) THIS IS NOT A BOUNDARY SURVEY.

13.) THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS.



REVISION	DATE	DESCRIPTION

PROPOSED ADVANCED ENVIRO SEPTIC SYSTEM
FOR
CASTONGUAY VENTURES LLC
LONG SHORES DRIVE
BARRINGTON, NH
TAX MAP 101, LOT 56

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Christopher R. Berry No. 1886 Department of Environmental Services

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD.
BARRINGTON, N.H. 332-2863

SCALE : 1 IN. EQUALS 20 FT.
DATE : FEBRUARY 4, 2021
FILE NO. : DB 2021 – 027

RECEIVED
APR 28 2021
LAND USE OFFICE