

HISS LEGEND

Designer:

Date:

Roots

Observed Water Table

Percolation Rate

Notes:

Evaluated By:

Designer:

Refusal

0 - 5 10YR3/4 Dark yellowish brown, fine sandy loam, many roots

2828

61

10YR3/4 Dark yellowish brown, fine sandy loam, many roots

o 30

9 30

62

None Inches.

inches.

Inches.

Minutes/Inch

TOTAL UPLAND AREA

6 - 30 2.5Y5/4 Light olive brown, fine sandy loam, many roots with stones

Inches. Inches.

Minutes/Inch

None inches.

5 - 28 10YR5/4 Yellowish brown, fine sandy loam, few roots

Christopher S. Albert

30 - 62 2.5Y5/4 Light olive brown, fine sandy loam, firm

Michael Cuomo

2/8/2017

Estimated Seasonal High Water Table

— DATE:

Observed Water Table

Percolation Rate

28 - 61 2.5Y5/4 Light olive brown, fine sandy loam with stones

Michael Cuomo 2/8/2017

HIGH INTENSITY SOIL SURVEY CONDUCTED BY NH SOIL CONSULTANTS, INC. JOHN P. HAYES, III, CWS, CSS ON JULY 24. 2006

 A moderately well drained glacial till with a mineral restrictive layer within 40 inches of the soil 323BH surface. Slopes range between 0 percent and 8 percent. - A moderately well drained glacial till with a mineral restrictive layer within 40 inches of the soil 323CH surface. Slopes range between 8 percent and 15 percent.

- A moderately well drained glacial till with an areas where depth to bedrock is so variable that a single soil type cannot be applied, will be mapped as a complex os soil types and will have a symbol C of 8. Slopes range between 0 percent and 8 percent.

 A moderately well drained soil of loam/sandy deposits over silts/clays. A mineral restrictive 343BH layer is within 40 inches of the soil surface. Slopes range between 0 percent and 8 percent.

 A moderately well drained soil of loamy/sandy deposits over silts/clays. A mineral restrictive 343CH layer is within 40 inches of the soil surface. Slopes range between 8 percent and 15 percent. A moderately well drained soil of loamy/sandy deposits over silts/clays. A mineral restrictive 343DH

layer is within 40 inches of the soil surface. Slopes range between 15 percent and 25 percent. A somewhat poorly drained loamy/sandy soil over silt/clay deposits with a mineral restrictive 443BH

layer within 40 inches of the soil surface. Slopes range between 0 percent and 8 percent.

- A poorly drained soil of silts and clays with a mineral restrictive feature within 40 inches of the

 A poorly drained loamy/sandy soil over silt/clay deposits with a mineral restrictive layer within 543BH 40 inches of the soil surface. Slopes range between 0 percent and 8 percent.

553BH soil surface. Slopes range between 0 percent and 8 percent. A very poorly drained loamy/sandy soil over silt/clay deposits with a mineral restrictive layer within 643BH 40 inches of the soil surface. Slopes range between 0 percent and 8 percent.

 A very poorly drained soil of silts and clays with a mineral restrictive feature within 40 inches 653BH of the soil surface. Slopes range between 0 percent and 8 percent.

REFERENCE PLANS:

- 1.) REVISED SUBDIVISION PLAN TAX MAP 4, LOT 14, DEBORAH F. TASKER, MADBURY, N.H. SCALE: 1" = 200'; DATED: OCTOBER 1990, REVISED FEBRUARY 25, 1991; BY: WALTER J. ZWEARCAN; RECORDED S.C.R.D. PLAN 38A-52.
- 2.) PROPOSED RELOCATION HAYES ROAD, MADBURY, N.H. SCALE: 1" = 50'; DATED: APRIL 1981, REVISED 12/8/1981; BY: FREDERICK E. DREW ASSOCIATES, NOT RECORDED, ON FILE WITH TOWN OF MADBURY.
- 3.) LOT NOS. 1-8. 21-38 & 45-47. FINAL PLAN SHEET 1 OF 2. WALTER W. CHENEY. INC. HAYES HILL, MADBURY, N.H. SCALE: 1" = 100'; DATED: JULY 1976; BY: G.L. DAVIS & ASSOCIATES. RECORDED S.C.R.D. PLAN 16-85.
- 4.) SUBDIVISION PLAN SHIRLEY FAMILY REVOCABLE TRUST OF 1999, MADBURY, NEW HAMPSHIRE, STRAFFORD COUNTY. SCALE: 1" = 60'; DATED: APRIL 1999, REVISED THROUGH JULY 1999; BY: ORVIS/DREW, LLC. RECORDED S.C.R.D. PLAN 56-47.
- 5.) PLAN OF LAND C. THOMAS CROSBY, MADBURY, N.H. SCALE: 1" = 200': DATED: JAN. 1979, REVISED FEB. 1988; BY: FREDERICK E. DREW ASSOCIATES. RECORDED S.C.R.D. PLAN 32-30.
- 6.) LOT LINE ADJUSTMENT & SUBDIVISION PREPARED FOR BARBARA CROSBY ESTATE AND KENNETH G. BOUCHARD 1990 TRUST & BRENDA J. BOUCHARD REV. TRUST OF 1999, TAX MAP 4, LOT Nos. 7 & 14A, HAYES ROAD, TOWN of MADBURY, COUNTY of STRAFFORD, STATE of NEW HAMPSHIRE. SCALE: 1" = 100'; DATED: JULY 31. 2006, REVISED THROUGH 3/1/07; BY THIS OFFICE. RECORDED S.C.R.D. PLANS 89-76, 89-77, 89-78 & 89-79.

ABUTTERS LIST

TEST PIT LOGS - 2017	MAP / LOT	NAME	ADDRESS	BOOK / PAGE
Test Pit # 07 Evaluated By: Christopher S. Albert	4 / 4B	GANG LIU JINGHUA YANG	75 HAYES ROAD MADBURY, NH 03823	4151 / 954
Designer: 1085 Witnessed By: Michael Cuomo Date: 2/8/2017	4 / 7	BARBARA P. CROSBY REAL ESTATE TRUST	P.O. BOX 1879 DOVER, NH 03821	3508 / 230 927 / 393
Forest mat 0 - 4 10YR4/3 Brown, fine sandy loam, many roots 4 - 27 10YR5/6 Yellowish brown, fine sandy loam with stones, granular, friable 27 - 62 2.5Y5/3 Light olive brown, fine sandy loam, firm	4 / 13	ANTONIO CALZONE REBECCA L. ANDERSON	32 NUTE ROAD MADBURY, NH 03823	1938 / 87
	4 / 14	KATHERINE K. CORNWELL REVOCABLE TRUST G. GRAY & KATHERINE CORNWELL, TRUSTEES		3872 / 166
Estimated Seasonal High Water Table Roots Observed Water Table Refusal O 27 Inches. O None Inches. None Inches.	4 / 14C	KENNETH G. BOUCHARD 1990 TRUST BRENDA J. BOUCHARD REV. TRUST OF 1999	73 HAYES ROAD MADBURY, NH 03823	2295 / 38148
Percolation Rate = 8 Minutes/Inch Notes:	4 / 23Q	MARK W. SAUNDERS	17 MOHARIMET DRIVE MADBURY, NH 03823	2925 / 701
Test Pit # 08 Evaluated By: Christopher S. Albert Designer: 1085 Witnessed By: Michael Cuomo	4 / 23R	DRUGAN/EPPICH FAMILY REV TRUST 2015 ROBERT DRUGAN, TRUSTEE CONSTANCE EPPICH, TRUSTEE	15 MOHARIMET DRIVE MADBURY, NH 03823	1814 / 729
Date: 2/8/2017 depth color description	5 / 1	SHIRLEY FAMILY REVOCABLE TRUST OF 1998 THOMAS & RUTH K. SHIRLEY, TRUSTEES	APDO POSTAL 384 AJIJIC, JALISCO, MEXICO	2067 / 145 45920
Forest mat 0 — 5 10YR4/3 Brown, fine sandy loam, many roots 5 — 25 2.5Y5/3 Light olive brown, fine sandy loam, few roots, granular, friable 25 — 62 2.5Y5/3 Light olive brown, fine sandy loam, few roots, granular, friable	5 / 1A	FRID FAMILY REVOCABLE TRUST OF 2014 PETER A. & KATHERINE A. FRID	68 HAYES ROAD MADBURY, NH 03823	4204 / 835
Estimated Seasonal High Water Table Roots Observed Water Table Refusal Percolation Rate Notes: 0 25 Inches. None Inches. None Inches. = 8 Minutes/Inch	5 / 11	ANTHONY R. ST LOUIS SUSAN W. ST LOUIS	72 HAYES ROAD MADBURY, NH 03823	2007 / 663
	5 / 11A	MICHAEL D. FISK TRACY FISK	70 HAYES ROAD MADBURY, NH 03823	3823 / 821
	5 / 12	BARBARA P. CROSBY REAL ESTATE TRUST	P.O. BOX 1879 DOVER, NH 03821	927 / 393
Test Pit # 09 Evaluated By: Christopher S. Albert Designer: 1085		LEGEND		

LEGEND
I.R.(set) - 1/2" IRON ROD WITH
PLASTIC I.D. CAP SET G.B.(set) — 4"x4"x48" GRANITE BOUND
WITH DRILL HOLE SET SCRD — STRAFFORD COUNTY
REGISTRY OF DEEDS
xxx / xxx — BOOK No. / PAGE No. O.A. — OVERALL
S.F. — SQUARE FEET
UTILITY POLE
≻— — UTILITY POLE GUY WIRE FND. — FOUND
S.S STEEL STAKE
4 / 14A - TAX MAP # / LOT #
OHW - OVERHEAD WIRES

-x-x-x- - BARBED WIRE FENCE --- --- -- EDGE OF PAVEMENT 🛎 👱 - JURISDICTIONAL WETLAND - EDGE OF JURISDICTIONAL WETLAND - SOIL TEST PIT LOCATION - 4,000 S.F. AREA SUITABLE

FOR SEWAGE EFFLUENT DISPOSAL 323BH - HIGH INTENSITY SOIL SURVEY (TYPE) - HIGH INTENSITY SOIL BOUNDARY MN(set) - MAGNETIZED (MAG) NAIL (SET) H+T(set) - OAK HUB WITH TACK (SET)

= 146,091 S.F.

= 62,633 S.F.

= 80,026 S.F.

= 69,187 S.F.

D.H.(set) - DRILL HOLE (SET) ∞ STONEWALL (LLTBA) - LOT LINE TO BE ABANDONED

(NLL) - NEW LOT LINE

TOTAL UPLAND AREA

LOT 4/14A REVISED LOT #3 = 2,768,708 S.F.GROSS AREA CONTIGUOUS UPLAND AREA = 1.864,512 S.F. CONTIGUOUS UPLAND AREA = 60,003 S.F. TOTAL UPLAND AREA = 1,980,359 S.F. TOTAL UPLAND AREA LOT 4/14B REVISED LOT #4 = 155,379 S.F. GROSS AREA CONTIGUOUS UPLAND AREA = 86.702 S.F. CONTIGUOUS UPLAND AREA = 67,600 S.F.

= 93,646 S.F.

"I HEREBY CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL GROUND SURVEY PERFORMED WITH A TOTAL STATION, BY ME OR THOSE UNDER MY DIRECT SUPERVISION AND THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, SAID SURVEY MEETS OR EXCEEDS THE MINIMUM PRECISION REQUIREMENTS FOR SURVEY CLASSIFICATION "U" AS SET FORTH IN TABLE 500.1 OF THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RYLES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS."

NOTES:

1.) OWNERS OF RECORD:

KENNETH G. BOUCHARD 1990 TRUST KENNETH G. BOUCHARD, TRUSTEE 4 / 14A BRENDA J. BOUCHARD REVOCABLE TRUST OF 1999 4 / 14B BRENDA J. BOUCHARD, TRUSTEE 73 HAYES ROAD MADBURY, NH 03823 S.C.R.D. VOL. 2295, PAGE 384 S.C.R.D. VOL. 3508, PAGE 225 S.C.R.D. VOL. 3508, PAGE 234

2.) 4 / 14A - DENOTES TAX MAP AND PARCEL NUMBER.

- 3.) THE INTENT OF THIS PLAN IS TO ADJUST THE EASTERLY LINE OF PARCEL 4/14B AND SUBDIVIDE PARCEL 4/14A INTO THREE LOTS.
- 4.) ZONING DISTRICT IS GENERAL RESIDENTIAL AND AGRICULTURAL MINIMUM WETLAND BUILDING SETBACK = 50 FEET = 25 PERCENT OF LOT AREA MAXIMUM IMPERVIOUS COVERAGE MINIMUM LOT SIZE (SINGLE FAMILY) = 80,000 S.F.QUALIFYING AREA CONSISTS OF NOT MORE THAN 25 PERCENT POORLY DRAINED SOILS AND/OR SLOPES GREATER THAN 15 PERCENT MINIMUM CONTIGUOUS ROAD FRONTAGE = 200 FEET BUILDING SETBACK REQUIREMENTS: FRONT = 50 FEET

SIDES & REAR = 15 FEET MINIMUM LOT DEPTH = 150 FEET

- 5.) THE SUBJECT PARCEL IS LOCATED WITHIN AREAS DETERMINED TO BE OUTSIDE THE 0.2 PERCENT ANNUAL CHANCE FLOODPLAIN AS SHOWN ON FLOOD INSURANCE RATE MAP NUMBER 33017C0315E, EFFECTIVE DATE: SEPTEMBER 30, 2015; COMMUNITY MADBURY, NUMBER 330219, PANEL 315, SUFFIX E.
- 6.) BASIS OF BEARING IS REFERENCE PLAN #1.
- 7.) TOPOGRAPHIC INFORMATION SHOWN IS BASED ON FIELD OBSERVATIONS MADE BY THIS OFFICE DURING JULY 2006. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS ASSUMED.
- 8.) WETLANDS SHOWN WERE DELINEATED BY JAMES H. LONG, CWS #007, CSS #13 OF NH SOIL CONSULTANTS, INC. AND LOCATED BY THIS OFFICE MARCH 23-26, 2004 AND BY JOHN P. HAYES, III CWS, CSS OF NH SOIL CONSULTANTS JULY 24, 2006 AND LOCATED BY THIS OFFICE.
- 9.) HIGH INTENSITY SOIL SURVEY WAS CONDUCTED ON JULY 24, 2006 BY JOHN P. HAYES, III CWS, CSS OF NH SOIL CONSULTANTS, INC., INFORMATION WAS TRACED BY THIS OFFICE ON JULY 31, 2006 BY THIS OFFICE.
- 10.) SOIL TEST PITS #1 #6 WERE OBSERVED BY JAMES H. LONG, CPSS, CSS OF NH SOIL CONSULTANTS, INC. ON JUNE 15, 2006 AND LOCATED BY THIS OFFICE ON JULY 7, 2006 BY THIS OFFICE. SOIL TEST PITS #7 - #10 WERE OBSERVED BY CHRISTOPHER S. ALBERT, SSD #1085 OF JONES AND BEACH ENGINEERS, INC. ON FEBRUARY 8, 2017.
- 11.) REFERENCE IS MADE TO AN UNDEFINED LOT TO BE USED BY THE "SCHOOL BUILDINGS".
- 12.) UTILITIES ARE TO BE INSTALLED UNDERGROUND.
- 13.) REFERENCE IS MADE TO NH DES WETLANDS AND NON-SITE SPECIFIC PERMIT No. 2006-03126, DATED: 01/12/2007.
- 14.) NH DES STATE SUBDIVISION APPROVAL NUMBER SA , DATED (PENDING)

SHEET 3 OF 3

- NOTES SHEET -

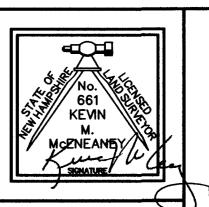
LOT LINE ADJUSTMENT & SUBDIVISION PREPARED FOR

KENNETH G. BOUCHARD 1990 TRUST BRENDA J. BOUCHARD REV. TRUST OF 1999

TAX MAP 4, LOT Nos. 14A & 14B

HAYES ROAD TOWN of MADBURY COUNTY of STRAFFORD STATE of NEW HAMPSHIRE

FILE: W10 CP\1516\17-1516 DRAWN BY: AS NOTED DATE: FEBRUARY 14, 2017 SCALE:



1 cEneaney C urvey 4 ssociates, inc.

P.O. Box 681 - 24 CHESTNUT STREET DOVER, NH 03820 (603) 742-0911

SURVEYING - PLANNING - CONSULTING

4 / 11 4 / 14B 4 / 23R 4 / 9 4 / 14C 4 / 7 4 / 4B 4 / 8 5 / 11 5 / 1A 5 / 1 5 / 12 5 / 11A

4 / 13

4 / 14

4 / 14A

4 / 23Q

TAX MAP SKETCH $1" = 1,000' \pm$

DATE: / KEVIN M. MENEANEY LLS # 661