TEST PIT LOGS — 2006

Test Pit # 01
Evaluated By: James H. Long, CPSS, CSS
Designer: 988
Witnessed By: Dick Bond
Date: 6/15/2006

depth	color	description
2–0		Forest mat
0 – 8	10YR3/3	Dark brown, very fine sandy loam, granular, friable
8 – 18	10YR5/4	Yellowish brown, fine sandy loam, granular, friable
18 – 36	10YR5/6	Yellowish brown, fine sandy loam, granular, friable
36 – 74	2.5Y5/3	Light olive brown with redoximorphic features, sandy loam, massive, firm

Estimated Seasonal High Water Table @ 36 Inches.
Observed Water Table @ None Inches.
Restrictive @ 36 Inches.
Refusal @ None Inches.
Roots @ 36 Inches.
Percolation Rate = 7 Minutes/Inch @ 30 Inches.
Notes: Perc between testpit #1 and testpit #2

Test Pit # 02
Evaluated By: James H. Long, CPSS, CSS
Designer: 988
Witnessed By: Dick Bond
Date: 6/15/2006

depth	color	description
2–0		Forest mat
0 – 8	10YR3/3	Dark brown, very fine sandy loam, granular, friable
8 – 16	10YR5/6	Yellowish brown, fine sandy loam, granular, friable
16 – 32	10YR5/4	Yellowish brown, fine sandy loam, granular, friable
32 – 66	2.5Y5/3	Light olive brown with redoximorphic features, sandy loam, massive, firm

Estimated Seasonal High Water Table @ 32 Inches.
Observed Water Table @ 48 Inches.
Restrictive @ 32 Inches.
Refusal @ 66 Inches.
Roots @ 48 Inches.
Percolation Rate = N/A Minutes/Inch @ Inches.
Notes:

Test Pit # 03
Evaluated By: James H. Long, CPSS, CSS
Designer: 988
Witnessed By: Dick Bond
Date: 6/15/2006

depth	color	description
2–0		Forest mat
0 – 4	10YR3/3	Dark brown, very fine sandy loam, granular, friable
4 – 16	10YR5/6	Yellowish brown, fine sandy loam, granular, friable
16 – 32	10YR5/4	Yellowish brown, fine sandy loam, granular, friable
32 – 84	2.5Y5/3	Light olive brown with redoximorphic features, sandy loam, platy, firm

Estimated Seasonal High Water Table @ 32 Inches.
Observed Water Table @ None Inches.
Restrictive @ 32 Inches.
Refusal @ None Inches.
Roots @ 36 Inches.
Percolation Rate = 7 Minutes/Inch @ 30 Inches.
Notes: Perc between testpit #3 and testpit #4

Test Pit # 04
Evaluated By: James H. Long, CPSS, CSS
Designer: 988
Witnessed By: Dick Bond
Date: 6/15/2006

depth	color	description
2–0		Forest mat
0 – 4	10YR3/3	Dark brown, very fine sandy loam, granular, friable
4 – 16	10YR5/6	Yellowish brown, fine sandy loam, granular, friable
16 – 28	10YR5/4	Yellowish brown, fine sandy loam, granular, friable
28 – 74	2.5Y5/3	Light olive brown with redoximorphic features, sandy loam, platy, firm

Estimated Seasonal High Water Table @ 32 Inches.
Observed Water Table @ 68 Inches.
Restrictive @ 32 Inches.
Refusal @ None Inches.
Roots @ 40 Inches.
Percolation Rate = N/A Minutes/Inch @ Inches.
Notes:

Test Pit # 05
Evaluated By: James H. Long, CPSS, CSS
Designer: 988
Witnessed By: Dick Bond
Date: 6/15/2006

depth	color	description
2–0		Forest mat
0 – 4	10YR3/3	Dark brown, very fine sandy loam, granular, friable
4 – 14	10YR5/6	Yellowish brown, fine sandy loam, granular, friable
14 – 24	2.5Y5/3	Light olive brown, fine sandy loam, granular, friable
24 – 66	2.5Y5/3	Light olive brown with redoximorphic features, silty clay, angular blocky, firm

Estimated Seasonal High Water Table @ 24 Inches.
Observed Water Table @ 56 Inches.
Restrictive @ 24 Inches.
Refusal @ None Inches.
Roots @ 30 Inches.
Percolation Rate = 24 Minutes/Inch @ 24 Inches.

Test Pit # 06
Evaluated By: James H. Long, CPSS, CSS
Designer: 988
Witnessed By: Dick Bond
Date: 6/15/2006

depth	color	description
2–0		Forest mat
0 – 4	10YR3/3	Dark brown, very fine sandy loam, granular, friable
4 – 16	10YR4/6	Dark yellowish brown, fine sandy loam, granular, friable
16 – 28	10YR5/4	Yellowish brown, fine sandy loam, granular, friable
28 – 60	2.5Y5/3	Light olive brown with redoximorphic features, sandy loam, massive, firm

Estimated Seasonal High Water Table @ 28 Inches.
Observed Water Table @ None Inches.
Restrictive @ 28 Inches.
Refusal @ 60 Inches.
Roots @ 32 Inches.
Percolation Rate = 8 Minutes/Inch @ 24 Inches.
Notes:

HISS LEGEND

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

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

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

328BH — 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.

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

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

343DH — A moderately well drained soil of loamy/sandy deposits over silts/clays. A mineral restrictive layer is within 40 inches of the soil surface. Slopes range between 15 percent and 25 percent.

443BH — A somewhat poorly drained loamy/sandy soil over silt/clay deposits with a mineral restrictive layer within 40 inches of the soil surface. Slopes range between 0 percent and 8 percent.

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

553BH — A poorly drained soil of silts and clays with a mineral restrictive feature within 40 inches of the soil surface. Slopes range between 0 percent and 8 percent.

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

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

TEST PIT LOGS — 2017

Test Pit # 07
Evaluated By: Christopher S. Albert
Designer: 1085
Witnessed By: Michael Cuomo
Date: 2/8/2017

depth	color	description
		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

Estimated Seasonal High Water Table @ 27 Inches.
Roots @ 27 Inches.
Observed Water Table @ None Inches.
Refusal @ None Inches.
Percolation Rate = 8 Minutes/Inch
Notes:

Test Pit # 08
Evaluated By: Christopher S. Albert
Designer: 1085
Witnessed By: Michael Cuomo
Date: 2/8/2017

depth	color	description
		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

Estimated Seasonal High Water Table @ 25 Inches.
Roots @ 25 Inches.
Observed Water Table @ None Inches.
Refusal @ None Inches.
Percolation Rate = 8 Minutes/Inch
Notes:

Test Pit # 09
Evaluated By: Christopher S. Albert
Designer: 1085
Witnessed By: Michael Cuomo
Date: 2/8/2017

depth	color	description
0 – 5	10YR3/4	Dark yellowish brown, fine sandy loam, many roots
5 – 28	10YR5/4	Yellowish brown, fine sandy loam, few roots
28 – 61	2.5Y5/4	Light olive brown, fine sandy loam with stones

Estimated Seasonal High Water Table @ 28 Inches.
Roots @ 28 Inches.
Observed Water Table @ None Inches.
Refusal @ 61 Inches.
Percolation Rate = 8 Minutes/Inch
Notes:

Test Pit # 10
Evaluated By: Christopher S. Albert
Designer: 1085
Witnessed By: Michael Cuomo
Date: 2/8/2017

depth	color	description
0 – 6	10YR3/4	Dark yellowish brown, fine sandy loam, many roots
6 – 30	2.5Y5/4	Light olive brown, fine sandy loam, many roots with stones
30 – 62	2.5Y5/4	Light olive brown, fine sandy loam, firm

Estimated Seasonal High Water Table @ 30 Inches.
Roots @ 30 Inches.
Observed Water Table @ None Inches.
Refusal @ 62 Inches.
Percolation Rate = 8 Minutes/Inch
Notes:

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.

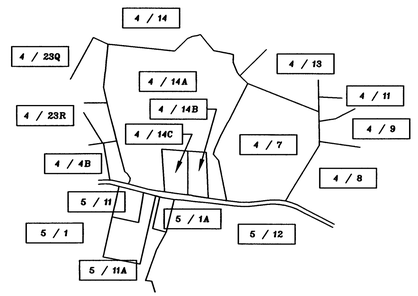
6.) LOT LINE ADJUSTMENT & SUBDIVISION PREPARED FOR BARBARA CROSBY ESTATE AND KENNETH G. BOUCHARD 1990 TRUST & BRENDA J. BOUCHARD REV. TRUST OF 1999, TAX MAP 4, LOT Nos. 7 & 14A, HAYES ROAD, TOWN of MADBURY, COUNTY of STRAFFORD, STATE of NEW HAMPSHIRE. SCALE: 1" = 100'; DATED: JULY 31, 2006, REVISED THROUGH 3/1/07; BY THIS OFFICE. RECORDED S.C.R.D. PLANS 89–76, 89–77, 89–78 & 89–79.

ABUTTERS LIST

MAP / LOT	NAME	ADDRESS	BOOK / PAGE
4 / 4B	GANG LIU JINGHUA YANG	75 HAYES ROAD MADBURY, NH 03823	4151 / 954
4 / 7	BARBARA P. CROSBY REAL ESTATE TRUST	P.O. BOX 1879 DOVER, NH 03821	3508 / 230 927 / 393
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	42 NUTE ROAD MADBURY, NH 03823	3872 / 166
4 / 14C	KENNETH G. BOUCHARD 1990 TRUST BRENDA J. BOUCHARD REV. TRUST OF 1999	73 HAYES ROAD MADBURY, NH 03823	2295 / 3814B
4 / 23Q	MARK W. SAUNDERS	17 MOHARIMET DRIVE MADBURY, NH 03823	2925 / 701
4 / 23R	DRUGAN/EPPICH FAMILY REV TRUST 2015 ROBERT DRUGAN, TRUSTEE CONSTANCE EPPICH, TRUSTEE	15 MOHARIMET DRIVE MADBURY, NH 03823	1814 / 729
5 / 1	SHIRLEY FAMILY REVOCABLE TRUST OF 1998 THOMAS & RUTH K. SHIRLEY, TRUSTEES	APDO POSTAL 384 AJIJIC, JALISCO, MEXICO 45920	2067 / 145
5 / 1A	FRID FAMILY REVOCABLE TRUST OF 2014 PETER A. & KATHERINE A. FRID	68 HAYES ROAD MADBURY, NH 03823	4204 / 835
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

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
-o- — 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)
D.H.(set) — DRILL HOLE (SET)
STONEWALL
(LLTBA) — LOT LINE TO BE ABANDONED
(NLL) — NEW LOT LINE



TAX MAP SKETCH
1" = 1,000' ±

NOTES:

1.) OWNERS OF RECORD:
KENNETH G. BOUCHARD 1990 TRUST
KENNETH G. BOUCHARD, TRUSTEE
BRENDA J. BOUCHARD REVOCABLE TRUST OF 1999
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
4 / 14A
4 / 14B

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
MAXIMUM IMPERVIOUS COVERAGE = 25 PERCENT OF LOT AREA
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 SA2017 062701, DATED 6/27/2017.
NH DES WETLANDS PERMIT NUMBER 2017–01011, DATED 6/27/2017

15.) JONES & BEACH ENGINEERS INC. CONDUCTED A SITE WALK ON MARCH 10, 2017 AND DETERMINED THE FOLLOWING:
A.) ALL OF THE EXISTING AND PROPOSED DRIVEWAYS HAVE A 200' ALL SEASON SAFE SIGHT DISTANCE.
B.) THERE ARE NO VERNAL POOLS WITHIN THE AREA OF THE FOUR LOT DEVELOPMENT OF THE PROPERTY.
C.) RAIN GARDENS ARE PROPOSED FOR THE FOUR LOTS. RAIN GARDENS ARE TO BE INSTALLED BY THE APPLICANT AND MAINTAINED BY THE HOMEOWNERS.
D.) THE DEVELOPMENT OF THE FOUR LOTS WILL HAVE NO ADVERSE EFFECT TO ADJOINING AND ABUTTING WETLANDS.

16.) REFERENCE IS MADE TO A TEN FOOT (10') WIDE PEDESTRIAN RIGHT OF WAY FOR PUBLIC ACCESS TO AND FROM THE FORMER SCHOOL HOUSE STRUCTURE AS RESERVED IN A DEED FROM THE TOWN OF MADBURY RECORDED AT THE S.C.R.D. IN BOOK 3508, PAGE 225. THE RIGHT OF WAY SHALL BE REFERENCED IN THE DEED CONVEYING LOT 3.

NO.	DATE	DESCRIPTION	BY	CHK
		REVISIONS		
2	7/5/17	ADD NOTE 16; ADD STATE APPROVALS TO NOTE 14;	RJM	KMM
		ADD POTENTIAL BUILDING LOCATIONS TO SHEET 2; REVISE NOTE 15C.		
1	4/4/17	ADD NOTE 15	RJM	KMM

17–1516	SUBD – LLADJ	04–2, 06–7	66–81,54–62
PROJECT NO	TYPE	FIELDBOOK & PAGES	

TOWN OF MADBURY
PLANNING BOARD APPROVAL

_____ DATE: _____

LOT 4/14A REVISED
GROSS AREA = 2,768,708 S.F.
CONTIGUOUS UPLAND AREA = 1,864,512 S.F.
TOTAL UPLAND AREA = 1,980,359 S.F.

LOT 4/14B REVISED
GROSS AREA = 155,379 S.F.
CONTIGUOUS UPLAND AREA = 86,702 S.F.
TOTAL UPLAND AREA = 93,646 S.F.

LOT #3
GROSS AREA = 146,091 S.F.
CONTIGUOUS UPLAND AREA = 60,003 S.F.
TOTAL UPLAND AREA = 62,633 S.F.

LOT #4
GROSS AREA = 80,026 S.F.
CONTIGUOUS UPLAND AREA = 67,600 S.F.
TOTAL UPLAND AREA = 69,187 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 RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS."

7/5/17
DATE: / KEVIN M. McENEANEY LLS # 661

– 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

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

STATE OF NEW HAMPSHIRE — LICENSED LAND SURVEYOR — No. 661 KEVIN M. McENEANEY

McEneaney Survey Associates, inc.
P.O. Box 681 — 24 CHESTNUT STREET
DOVER, NH 03820 (603) 742–0911

SURVEYING — PLANNING — CONSULTING