SITE-SPECIFIC / HIGH INTENSITY SOIL MAPPING CERTIFICATION:

THIS SITE-SPECIFIC SOIL MAP WAS COMPLETED BY CYNTHIA M. BALCIUS, NEW HAMPSHIRE CERTIFIED SOIL SCIENTIST # 84 OF STONEY RIDGE ENVIRONMENTAL LLC., 229 PROSPECT MOUNTAIN ROAD, ALTON NH 03809. FIELD WORK WAS COMPLETED ON THE FOLLOWING DATES:
THE FOLLOWING STANDARDS WERE USED TO COMPLETE THIS SOIL MAP AND ACCOMPANYING SOIL REPORT.

1. *FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES*. VERSION 7.0 2010. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (eds.). UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
2. *FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND*. VERSION 3. APRIL 2004. NEIWPCC WETLANDS WORKGROUP. WILMINGTON, MA 01887.
3. *THE SITE-SPECIFIC SOIL MAPPING STANDARDS FOR NEW HAMPSHIRE AND VERMONT*. SSSNNE SPECIAL PUBLICATION No. 3, VERSION 3. DECEMBER 2006.
4. *SOIL SURVEY MANUAL*. UNITED STATES DEPARTMENT OF AGRICULTURE HANDBOOK No.18. ISSUED OCTOBER 1993. US GOVERNMENT PRINTING OFFICE. SOIL SURVEY STAFF. WASHINGTON D.C. 20402.
5. *NEW HAMPSHIRE STATE-WIDE NUMERICAL SOILS LEGEND*. USDA NATURAL RESOURCES CONSERVATION SERVICE, DURHAM, NEW HAMPSHIRE. ISSUE #10, JANUARY 2011.
6. *FIELD BOOK FOR DESCRIBING AND SAMPLING SOILS*. VERSION 2.0 NATIONAL SOIL SURVEY CENTER. NATURAL RESOURCES CONSERVATION SERVICE. U.S. DEPARTMENT OF AGRICULTURE. LINCOLN, NEBRASKA. SEPTEMBER 2002.
7. *KEYS TO SOIL TAXONOMY*. ELEVENTH EDITION. 2010. UNITED STATES DEPARTMENT OF AGRICULTURE. NATURAL RESOURCES CONSERVATION SERVICES.

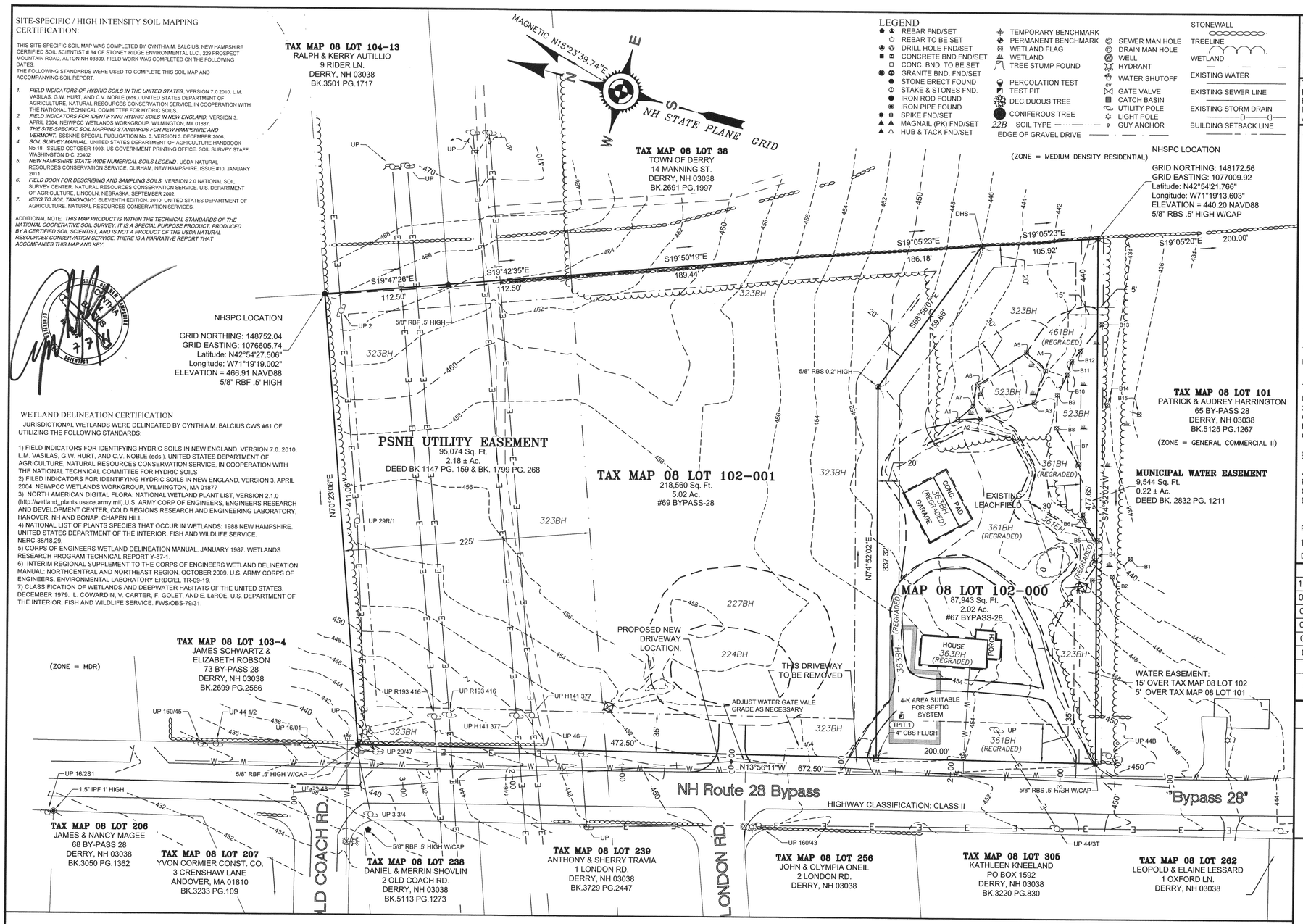
ADDITIONAL NOTE: *THIS MAP PRODUCT IS WITHIN THE TECHNICAL STANDARDS OF THE NATIONAL COOPERATIVE SOIL SURVEY. IT IS A SPECIAL PURPOSE PRODUCT, PRODUCED BY A CERTIFIED SOIL SCIENTIST, AND IS NOT A PRODUCT OF THE USDA NATURAL RESOURCES CONSERVATION SERVICE. THERE IS A NARRATIVE REPORT THAT ACCOMPANIES THIS MAP AND KEY.*

STATE OF NEW HAMPSHIRE CYNTHIA M. BALCIUS 84 CERTIFIED SOIL SCIENTIST

WETLAND DELINEATION CERTIFICATION

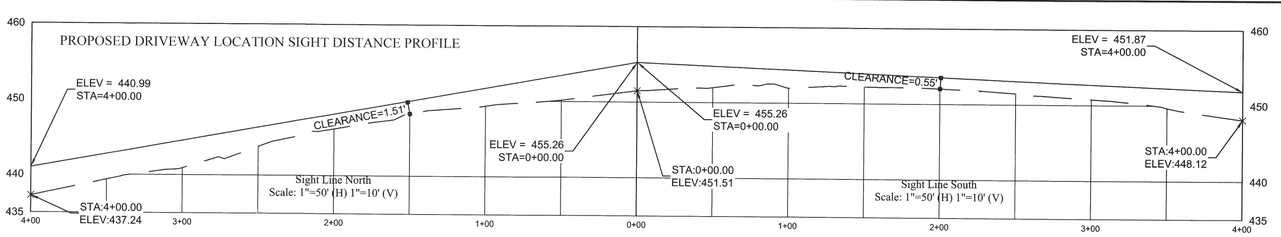
JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA M. BALCIUS CWS #61 OF UTILIZING THE FOLLOWING STANDARDS:

1) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND. VERSION 7.0. 2010. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (eds.). UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS
2) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3. APRIL 2004. NEIWPCC WETLANDS WORKGROUP. WILMINGTON, MA 01877
3) NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 2.1.0 (http://wetland_plants.usace.army.mil).U.S. ARMY CORP OF ENGINEERS, ENGINEERS RESEARCH AND DEVELOPMENT CENTER, COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH AND BONAP, CHAPEN HILL.
4) NATIONAL LIST OF PLANTS SPECIES THAT OCCUR IN WETLANDS: 1988 NEW HAMPSHIRE. UNITED STATES DEPARTMENT OF THE INTERIOR. FISH AND WILDLIFE SERVICE. NERC-88/18.29.
5) CORPS OF ENGINEERS WETLAND DELINEATION MANUAL. JANUARY 1987. WETLANDS RESEARCH PROGRAM TECHNICAL REPORT Y-87-1.
6) INTERIM REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION. OCTOBER 2009. U.S. ARMY CORPS OF ENGINEERS. ENVIRONMENTAL LABORATORY ERDC/EL TR-09-19.
7) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES. DECEMBER 1979. L. COWARDIN, V. CARTER, F. GOLET, AND E. LaROE. U.S. DEPARTMENT OF THE INTERIOR. FISH AND WILDLIFE SERVICE. FWS/OBS-79/31.



LEGEND

- REBAR FND/SET
- REBAR TO BE SET
- DRILL HOLE FND/SET
- CONCRETE BND.FND/SET
- CONC. BND. TO BE SET
- GRANITE BND. FND/SET
- STONE ERECT FOUND
- STAKE & STONES FND.
- IRON ROD FOUND
- IRON PIPE FOUND
- SPIKE FND/SET
- MAGNAIL (PK) FND/SET
- HUB & TACK FND/SET
- TEMPORARY BENCHMARK
- PERMANENT BENCHMARK
- WETLAND FLAG
- WETLAND
- TREE STUMP FOUND
- PERCOLATION TEST
- TEST PIT
- DECIDUOUS TREE
- CONIFEROUS TREE
- 22B SOIL TYPE
- EDGE OF GRAVEL DRIVE
- SEWER MAN HOLE
- DRAIN MAN HOLE
- WELL
- HYDRANT
- WATER SHUTOFF
- GATE VALVE
- CATCH BASIN
- UTILITY POLE
- LIGHT POLE
- GUY ANCHOR
- STONEWALL
- TREELINE
- WETLAND
- EXISTING WATER
- EXISTING SEWER LINE
- EXISTING STORM DRAIN
- BUILDING SETBACK LINE



DEPARTMENTAL REVIEW:

THIS PLAN REVIEWED BY:
PUBLIC WORKS DIRECTOR
CODE ENFORCEMENT OFFICER
FIRE DEPARTMENT
CONSERVATION COMMISSION CHAIR
POLICE DEPARTMENT

THIS SUBDIVISION PLAN CONTAINS A TOTAL OF 2 SHEETS. SHEET 1 IS RECORDED AT THE ROCKINGHAM COUNTY REGISTRY OF DEEDS. THE REMAINING SHEETS ARE ON FILE AT THE TOWN OF DERRY PLANNING DEPT., WHICH IN ITS ENTIRETY, CONSTITUTE THE SUBDIVISION PLAN AS APPROVED BY THE PLANNING BOARD.

GENERAL NOTES:

1. OWNER OF RECORD:
   IMAD BAGGAR
   67 ROUTE 28 BY-PASS
   DERRY, NH 03038
2. THE PURPOSE OF THIS PLAN IS TO SHOW A PROPOSED SUBDIVISION OF LAND, SPECIFICALLY TAX MAP 8 LOT 102 INTO 2 INDIVIDUAL LOTS, TO BE SERVICED BY ONSITE SEWER AND MUNICIPAL WATER.
3. DIMENSIONAL CONTROLS:
   - 3.1. MINIMUM LOT AREA = 1 ACRE PLUS 10,000 S.F PER 200 GPD AFTER THE FIRST 200
   - 3.2. MINIMUM LOT FRONTAGE = 200 FT.
   - 3.3. FRONT YARD SETBACK = 35 FT.
   - 3.4. SIDE/REAR YARD SETBACK = 20 FT.
   - 3.5. WETLAND SETBACK = 30 FT. (WETLANDS LESS THAN 1 AC.); 75' FT. (WETLANDS OVER 1 AC.)

PLAN CERTIFICATIONS

I HEREBY CERTIFY THAT THE WETLAND IDENTIFICATION FLAGS DESCRIBED ABOVE WERE FIELD LOCATED BY STANDARD SURVEY METHODS DURING AUGUST 2003, UTILIZING A TOTAL STATION AND DATA COLLECTOR, AND THAT THE LOCATION OF THE FLAGS ARE ACCURATELY SHOWN ON THIS SURVEY MAP.

SURVEY PREPARATION CERTIFICATION:
I HEREBY CERTIFY THAT THIS SURVEY AND SURVEY PLAT WAS PREPARED BY ME OR THOSE UNDER MY DIRECT SUPERVISION.

PLAN CERTIFICATION:
I HEREBY CERTIFY THAT THIS PLAN IS A TRUE AND ACCURATE REPRESENTATION OF A THEODOLITE / EDM SURVEY PERFORMED ON THE GROUND AND UNDER MY DIRECT SUPERVISION DURING AUGUST 2003 WITH A TOPCON GPT 2003W TOTAL STATION, AND THE UNADJUSTED ERROR OF CLOSURE IS NOT GREATER THAN 1 PART IN 15,000. EVERY REASONABLE EFFORT HAS BEEN MADE TO PROPERLY ESTABLISH THE BOUNDARIES OF THE SUBJECT TRACT. THIS CERTIFICATION DOES NOT INCLUDE ANY GUARANTEE OF TITLE.

SIGHT DISTANCE CERTIFICATION:
I HEREBY CERTIFY THAT STOPPING SIGHT DISTANCES AS RECOMMENDED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) AS SET FORTH IN "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS - 1990" AND AS REQUIRED IN THE TOWN OF DERRY LAND DEVELOPMENT CONTROL REGULATIONS SEC. 170-26.D CAN BE ACHIEVED AT ALL DRIVEWAY INTERSECTIONS AS SHOWN ON THIS PLAN.

SURVEY BASE REFERENCE IS ORIENTED TO THE N.H. STATE PLANE GRID, DETERMINED BY GLOBAL POSITIONING SATELLITES (GPS) OBSERVATION DURING AUGUST 2003, AND POST PROCESSED.

10/20/2010 — Bryan L. Bailey
DATE — BRYAN L. BAILEY, LLS #576

DATE	REVISION	INITIALS
12/02/2010	UPDATE FOR DESIGN REVIEW	CTB
03/18/2011	MISC. ADDITIONS PER TRC REVIEW	BLB
03/18/2011	REVISED LOT CONFIGURATION	BLB
03/29/2011	REVISED WETLAND NOTE & TEST PIT	BLB
04/11/2011	REV. PER NH DOT REVIEW	BLB

DATE 10/20/2010 — JOB No. 1898
DRAWN BY ; CTB
SCALE ; 1"=50' (50' 25' 0' 50' 100')

STATE OF NEW HAMPSHIRE — No. 576 — BRYAN L. BAILEY — LICENSED LAND SURVEYOR — SIGNATURE
03/18/2011

TAX MAP 08 LOT 102

TOPOGRAPHICAL SUBDIVISION PLAN

LAND OF IMAD BAGGAR
LAND LOCATED AT 67 BYPASS-28, DERRY N.H.

PROPERTY OWNER: IMAD BAGGAR
67 BYPASS-28
DERRY, NH 03038

DEED: BK.4345 PG.1696

DATE OF PLAN: OCTOBER, 2010

BRYAN L. BAILEY ASSOCIATES, INC.
TURNING POINT
LAND SURVEYORS & LAND PLANNERS
217 Cotton Hill Road
Gilford, NH 03249
Ph 528-3734
www.bailey-associates.com

APPROVED BY THE DERRY PLANNING BOARD:
DATE APPROVED: _____

CHAIRMAN: _____
DATE SIGNED: _____

SHEET 2 OF 2

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