



The Connecticut Surveyor

Volume 18, Issue 10

Connecticut Association of Land Surveyors
78 Beaver Road, Wethersfield, CT 06109

CALS Annual Meeting set to go on November 1st With Keynote Speaker Wendy Lathrop to discuss Water Elevations and FEMA Regulations

While the rest of us were enjoying the summer, CALS First Vice President Jeff McDougal, was busy planning an outstanding agenda for us to celebrate the 46th Anniversary of CALS. Come and attend seminars presented by Nationally recognized speakers and enjoy the Antique Equipment Road Show, at the end of the day, hosted by David Garcelon, who is an expert in antique surveying instrument. This is your chance to find out what treasures you have hidden in your basement or garage. Remember to submit a photo and a brief description of your piece to DCGPLS@gmail.com, no later than October 25, 2013.

Once again the convention will be held at the historic Saint Clements Castle in Portland, CT. All seminars are included in your registration fee. Seating is limited so come early, see the latest equipment and services available in our exhibit hall, and meet with friends and associates. Many of these presentations have been approved for continuing education credits.

Celebrate with us when President Palmberg announces the 2013 Surveyor-of-the-Year and gives out other awards of recognition.

Of course we will have the annual Map Design Competition and the pacing contest. See if you can add your name to the permanent plaque in the CALS office.

Last, but most certainly not least, come to the luncheon business meeting and learn the results of the 100% NSPS Membership vote.

This is YOUR organization and we look forward to seeing you!



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email: kathy@ctsurveyors.org
tele. 860-563-1990

Annual Meeting Schedule

8:00 AM	Lobby	Registration – Be sure to pick up your Annual Reference Book	NY CEU, NH CEU, PDH (MA, ME, RI, VT)
8:30 – 12:00 noon	Prince Edward Ballroom A	Wendy Lathrop – "Succeeding in the NFIP"	0.32 NY CEU, 0.8 NH CEU 3.25 PDH
8:30 – 9:45 am	Taylor Room	John Doody, P.S., P.E. – Professional Development & Licensure	
8:30 – 9:45 am	Orchard Room	Peter Hill – Environmental Land Use Restrictions	0.12 NY CEU, 0.3 NH CEU 1.25 PDH
8:45 – 10:45	Tavern	David Garcelon – World Co-ordinates & Property Surveying	0.20 NY CEU, 0.5 NH CEU 2.00 PDH
10:00 – 11:00 am	Orchard Room	Robert Worgaftik, Partner of MW Financial Group – Valuing Your Business for Potential Sale or Transfer. Taking steps to realize it's maximum.	
11:00 – 12:00 noon	Tavern	Presidents Meeting – ALL State representatives are invited to discuss issues of mutual interest.	
10:00 – 11:45 am	Taylor Room	John Doody, P.S., P.E. – Senior Rights & Adverse Possession	0.18 NY CEU, 0.4 NH CEU 1.75 PDH
All Day	Outside	Pacing Contest	
All Day	Waterford Foyer	Map Design Competition	
All Day	Prince Edward Ballroom B&C	Exhibits	
12:00 – 1:30 pm	Waterford Room	Plated Lunch, Awards, Business Meeting	
1:30 – 3:00	Prince Edward Ballroom A	Devin Santa, Roberge Associates – Flood Mapping, Establishing Flood Zones, LOMA & LOMR	0.15 NY CEU, 0.4 NH CEU 1.50 PDH
1:30 – 3:00	Taylor Room	Dan Martin & Thomas Meyer – GPS Vertical Accuracies, Theory, Practice, Myths	0.15 NY CEU, 0.4 NH CEU 1.50 PDH No PDH credit if you attended this seminar previously.
1:30 – 3:30	Tavern	David Garcelon – Antique Survey Equipment Road Show	
3:30	Tavern	CALS Annual Auction	

Seminar Professional Development Hours (PDH)*

*Consult your state continuing education requirements for possible credits related to attendance at annual meetings.

"Challenges are what make life interesting and overcoming them is what makes life meaningful"

ABOUT OUR SPEAKERS



Wendy Lathrop, president and owner of Cadastral Consulting, is licensed as a Professional Land Surveyor in New Jersey, Pennsylvania, Delaware, and Maryland, and as a Professional Planner in New Jersey. She holds a Master's degree in Environmental Policy, and has been involved in surveying since 1974 in projects ranging from construction to boundary to environmental land use disputes. Wendy is also a Certified Floodplain Manager through the [Association of State Flood Plain Managers \(ASFPM\)](#).

A former adjunct instructor at Mercer County College in New Jersey, Wendy has also taught as part of the team for the licensing exam review course at Drexel University in Pennsylvania. She has been teaching seminars for surveyors since 1986 and has been writing articles for surveyors since 1983. Wendy is a contributing editor for "[The American Surveyor](#)" magazine, and has two articles included in the American Bar Association's text, [Land Surveys: A Guide for Lawyers and Other Professionals](#). She and Stephen V. Estopinal, PLS, PE recently completed co-authoring a book entitled [Professional Surveyors and Real Property Descriptions: Composition, Construction, and Comprehension](#), published by John Wiley & Sons, Inc.

Wendy represented the [American Congress on Surveying and Mapping](#) on the Technical Mapping Advisory Council to the Federal Emergency Management Agency for the five years of that advisory group's appointment. She was a panel member of the National Academy of Public Administration's study of US Geographic Information resources and of the National Research Council's study of [flood hazard mapping accuracy](#). Wendy is a past President of the New Jersey Society of Professional Land Surveyors and of the National Society of Professional Surveyors, and has served on the Board of Directors for the American Association for Geodetic Surveying.

Ms. Lathrop's presentation will be on how do elevations and regulations interact in the National Flood Insurance Program (NFIP)? Understanding that relationship guides our work, whether for insurance rating, design purposes, or applications to update flood mapping. We will examine how NFIP regulations and technical guidance affect the Elevation Certificate, help us better fulfill our professional activities in floodplains, and assure that our applications for map changes will be successful.



John J. Doody, L.S., P.E., worked for the CTDOT for 35 years. At the time of his retirement he was Principal Engineer running the Surveying Department in the New Haven District Office. He is Chairman of the Continuing Education and Scholarship Committees for CALS and organizes several workshops for our members each year, many times serving as an instructor himself.

Over the years Mr. Doody has been recognized with numerous awards. He has written several papers; most recently he authored the Resources for Tidal and Navigable Waters in Connecticut, a resource booklet that he worked on for many years with Bill Giel, who passed away in 2012.

Mr. Doody's presentations will be on Professional Development and Licensure for Survey Technicians and Senior Rights and Adverse Possession.



ABOUT OUR SPEAKERS



Devin Santa, P.E. is President of Roberge Associates Coastal Engineers, LLC (RACE). Devin has worked in the field of coastal engineering since 1995 and is licensed as a Professional Engineer in three States, including Connecticut, New York, and Massachusetts. Devin is certified as a Hydrographer by the American Congress of Surveying and Mapping and is certified in the practice of structural engineering by the Structural Engineering Certification Board. Devin utilizes his extensive maritime experience gained as a USCG licensed captain to assist RACE Clients with the improvement and optimization of their waterfront facilities.

Devin's responsibilities at RACE have included the analysis of coastal flood hazards and site specific verification of FEMA Flood Insurance Rate Maps. Devin has successfully obtained Letters of Map Revision and Amendment for the remapping of flood hazard boundaries defined on Flood Insurance Rate Maps based on local site conditions. Devin was Project Manager for the coastal flood hazard analysis for the recertification of the Hurricane Barriers in Stamford and New London. He has also prepared structural certifications for flood protection structures to withstand flood forces and serve as a basis for flood zone boundary relocation.

Devin is an active member of the Town of Stratford Harbor Management Commission and serves as a Director of the Connecticut Harbor Management Association. When not on the water professionally, Devin likes to spend his time on the water recreationally and regularly competes in offshore sailing events. Devin lives in Stratford, CT with his wife Beth and daughters, Alyssa and Heidi.



Dan Martin works for the National Geodetic Survey and is the Geodetic Advisor to the State of Vermont. He worked in the Route Survey and Geodetic Survey sections of the Vermont Agency of Transportation from 1988 through 2003, and held the position of Geodetic Program Supervisor for the Agency from 1999 through 2003. In 2003 Dan began his career with the National Geodetic Survey. As the State Geodetic Advisor, he instructs local surveyors and state and municipal agencies on how to use and preserve the National Spatial Reference System, and provides liaison between the National Geodetic Survey and the State of Vermont. Dan is a Past President of the American Association for Geodetic Surveying (AAGS), and is a Fellow Member of the American Congress on Surveying and Mapping and recently served as the ACSM Congress Chair. He is also a member of the Vermont Society of Land Surveyors, New Hampshire Land Surveyors Association.



ABOUT OUR SPEAKERS



Dr. Thomas H Meyer is an associate professor of geodesy in the Department of Natural Resources and the Environment at the University of Connecticut (UConn). His Ph.D. is from Texas A&M University (College Station, 1998) where he was a research associate in the Mapping Sciences Laboratory. While at UConn, he has taught geomatics courses in geographic information science, geodesy, digital terrain modeling, global navigation satellite system surveying at the graduate and undergraduate levels. He is a member of the American Society of Civil Engineers and the Director and Fellow for the American Association for Geodetic Surveying. He is a past president of the New England Section of the ACSM and is a member of the editorial board of the Journal of Surveying Engineering. Dr. Meyer has authored numerous peer-reviewed papers about surveying and mapping, a geodesy textbook, and teaches professional education seminars for surveyors throughout New England and the United States.



David Garcelon has lived in New England all of his life. His family came to America from France in the 1760's and were among the original settlers of Lewiston, Maine. Garcelon Field at Bates College is named for his great- great- grandfather, Alonzo Garcelon, who was Governor of Maine in 1879. Mr. Garcelon studied Forest Management at the University of Massachusetts and has spent 47 years as a land surveyor and civil engineer in the New England area. He has Professional Surveyor licenses in New Hampshire, Maine, Massachusetts and Vermont. The projects he has worked on include the Central Artery & Third Harbor Tunnel in Boston, the Seabrook Nuclear Station, and the 10,000 acre Mt. Washington Hotel/Bretton Woods Ski Area property. He has served as an expert witness in court cases involving land boundaries in several of New England states, including Maine, where he was responsible for surveying the 93 mile long "Hydro Quebec" transmission line, and has surveyed many property boundaries in the state. Several years ago Mr. Garcelon made a commitment to donate the Garcelon family manuscripts and documents to the Edmund Muskie Library and Archives at Bates College in Lewiston, Maine. To date, he has donated over 700

documents dating back to the mid 1700', and has committed to donating several hundred more to the "Garcelon Family Papers", including all of his research related to his family history. In addition to those donations, he has donated family documents to the Androscoggin Historical Society and the Lovell (Maine) Historical Society. Approximately 25 years ago, Mr. Garcelon began to compile a research library on the history of surveying, mapping, and surveying instrumentation, and has lectured and written on these subjects. His library now includes over 1700 volumes, thousands of photographs, and over 27 file drawers of research data as well as several thousand electronic files. He continues to add to his library. Mr. Garcelon has retired and now devotes his time to his research, writing, consulting, lecturing, and selling antique scientific instruments.

* A description and photo of each item must be submitted to Mr. Garcelon at DCGPLs@gmail.com by October 25, 2013.



ABOUT OUR SPEAKERS



Peter Hill is a Supervising Environmental Analyst with the Remediation Division of the Connecticut Department of Energy & Environmental Protection (CTDEEP) where he has been employed for 19 years. Prior to his employment at CTDEEP, Mr. Hill was employed as an environmental consultant. Mr. Hill's responsibilities at the CTDEEP include supervising department staff in the DEEP's Remediation Division and the Environmental Land Use Restriction Program, and leading the Remediation Division Laboratory Quality Assurance and Quality Control Workshop. Mr. Hill received a B.A. degree in Earth Science from Central Connecticut State University in 1989. He is also a Connecticut Licensed Environmental Professional.

His presentation, Surveys for Environmental Land Use Restrictions (ELUR) will focus on the role of the surveyor in the presentation and recordation of ELURs and provide an overview of ELURs, the revised A-2 Survey Checklist, and recent regulatory changes.

An ELUR is an easement that is granted to the property owner by the Commissioner of the Connecticut Department of Energy and Environmental Protection that is recorded on the municipal land records. The purpose of an ELUR is to minimize the risk of human exposure to pollutants and hazards to the environment by preventing specific uses or activities at a property or a portion of a property. An ELUR is a tool which permits the remedial goals for a property to be dependent on the exposure risk associated with its use.

The portion of the property subject to the ELUR is known as the ELUR Subject Area. In many cases, there is more than one ELUR Subject Area for a property. An A-2 survey is used to illustrate the location of the ELUR Subject Area and the locations of interests in the property such as utilities, rights of ways, etc., that may be either recorded or unrecorded. The survey is recorded on the land records as part of the ELUR to provide permanent communication to future owners and interested parties of the specific location of both residual contamination and the restrictions.

The A-2 Survey also presents critical information that is used to evaluate whether existing interests may interfere with the restrictions in ELUR. Any existing interest that affects the purposes of ELUR must be irrevocably subordinated to the ELUR. However, the Commissioner may grant a waiver from the requirement to obtain as subordination agreement for any interest in the land which does not affect the ELUR.



Thank you to the following sponsors of the CALS Annual Meeting:

- BL Companies-Signage
- Eastern Topographics-Lunch & Happy Hour
- Golden Aerial Surveys-Lanyards
- Keystone Precision-Lunch
- MW Financial - Continental Breakfast
- Jay Doody - Luncheon Sponsor
- Doug Faulds - Luncheon Sponsor
- Reese Roberts - Luncheon Sponsor
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GUEST: _____ MEMBER YES NO LUNCH YES NO CHICKEN/FISH/BEEF

GUEST: _____ MEMBER YES NO LUNCH YES NO CHICKEN/FISH/BEEF

GUEST: _____ MEMBER YES NO LUNCH YES NO CHICKEN/FISH/BEEF

GUEST: _____ MEMBER YES NO LUNCH YES NO CHICKEN/FISH/BEEF

Your registration fee includes a continental breakfast 8 -10 a.m., and admission to all exhibits and seminars.

Lunch includes salad, fresh vegetables, fresh baked rolls & butter, assorted sodas, freshly brewed coffee & tea, and dessert.

• Please reserve _____ admissions to the CALS 46th Annual Meeting:

_____ members @ \$50.00 each _____ non-members @ \$75.00 each

Registration - \$ _____

• Please reserve lunch:

- Pan Seared Breast of Chicken Topped with a Fresh Tomato Relish \$50.00
- Pan Seared Salmon Served with a Honey Citrus Beurre Blanc \$50.00
- Grilled Petit Filet Mignon, Forest Mushroom Ragout \$50.00

I would like to sponsor a luncheon for a newly licensed surveyor @\$50.00

Lunch - \$ _____

Total Enclosed - \$ _____

MasterCard or visa # _____ exp. date _____ Signature _____

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1931 Portland-Cobalt Road (Route 66), Portland, CT 06480 860.342.0593
<http://saintclementscastle.com/DrivingDirections/default.asp>

Communicating Your Way to a Stronger Firm



This article has been provided courtesy of XL Group's Design Professional unit and Camilleri & Clarke Associates for Connecticut Association of Land Surveyors, Inc.

Many firms are so focused on design that they often neglect basic management practices that, when overlooked, can undercut a firm's profits. One such practice is effective communication. Here's what you need to do to keep communication—and your projects—on track.

Poor communication within a firm and between a firm and its clients can result in more than inefficiencies, mistakes and missed opportunities. It can also significantly impact the financial health of your business. Consider the following:

The failure to effectively communicate leads to claims.

In fact, in a major claims study, the Design Professional unit of XL Group found that communication issues were a primary factor in over one-quarter of the claims and loss prevention file count. These issues also represented 22 percent of the claims and loss prevention file dollars.¹

Slipshod project team communication results in higher costs. Uncontrolled communication between team members—often a mixed bag of paper documents, phone calls, faxes, e-mail and poorly documented meetings—can lead to errors, delays and inefficiency. This can cause scope creep, schedule delays and quality problems, not to mention the potential costs of disputes and litigation.

Poor client communication means unpaid fees, loss of future business or worse. A client kept in the dark is an unhappy client. In one survey, when clients were asked which ability they felt was the most important in selecting a design professional, 52 percent of the respondents indicated "communication." According to another survey, project owners believe that, "poor communication and poor collaboration is pervasive and impacts every phase of the construction process as well as everyone involved in the process—from owners and construction managers to architects, engineers and contractors."² Keep in mind that the vast majority of unhappy customers never complain...they just don't come back.³ And the typical dissatisfied customer will tell eight to ten people about his or her problem.⁴

Time spent in unproductive meetings translates into wasted dollars. Surveys show that executives on average spend nearly half of their working hours in meetings. Add to that our finding that A/Es regard less than 30 percent of meetings as effective, and it's easy to see how much time is wasted in the conference room. Typically, A/Es complain that meetings are too long, are scheduled without adequate time to prepare and end without any clear result.

Failure to document changes in scope, work effort, schedule and budget can mean loss of compensation, delays and even claims. For example, if authorized changes in your work effort aren't well documented, you may find it difficult to approach the client for additional fees. You could end up working for days or weeks on your own dime, thus eroding any profit for the project. Further, in the event of a claim, this lack of documentation could seriously hamper your defense. Poor communication with staff costs money...and people. One survey showed that executives believe that 14 percent of each workweek is wasted due to poor communication between staff and managers—amounting to a stunning seven weeks a year.⁵ In addition, most managers spend at least 15 percent of their time dealing with issues that good communication skills and supporting communications could help resolve.⁶ A lack of open, honest communication also takes a heavy toll on staff morale, according to 52 percent of executives and 30 percent of workers surveyed about factors that negatively affect the workplace mood.

Poorly written communications can mean loss of a project, fees or even a lawsuit. Sloppy or unclear writing not only makes your firm look bad, it can set you up for expensive problems. For example, making a promise you can't keep ("guarantee") or using a red-flag word such as "supervise" in a proposal, contract or specifications can raise client expectations or even your standard of care. No matter what you intended, the courts will decide what your language communicated based on case law.⁷

Information overload is costly. The average employee receives nearly 200 communications (voice mail, e-mail, letters, memos and so forth) every day. In one study, 38 percent of managers polled said they waste a substantial amount of time trying to locate the right information, while 43 percent think decisions are delayed as a result of having too much information.⁸ Worse, in the midst of the deluge, you may overlook something important.

E-mail can be expensive. In addition to wasting time and lowering productivity⁹, e-mail can threaten your firm's financial health. In a lawsuit, the single most damaging form of electronic document may be an e-mail message that offends a coworker, unwittingly distributes copyrighted material or disseminates confidential or proprietary company information. All these things could be dredged up years later to build a case against your firm.

Convinced that poor communication can undermine your firm? The good news is that by improving your firm's communication, you can lower your risk and enhance your profits. The following are just a few of the principles of good communication that can lead to improved productivity, better client retention and fewer claims:

Communicate with your client. From the earliest conceptual meetings, through refinement of your workscope,

negotiation of your contract and the development of your design and right into construction, make sure your client is "on board" every step of the way. Seek continual client feedback and follow through on all promises.

- **Practice active listening.** This means listening to and then reiterating the other party's statements, emphasizing the feelings expressed as well as the substance.¹⁰
- **Develop a project communications plan.** To clarify everyone's role and responsibilities, define project team communication ground rules. Team members should know whom they need to inform or consult and from whom they need to seek approval regarding different types of project activities. To decrease information overload, the plan should also address the distribution of material—who gets what, and when.
- **Make meetings count.** Have a purpose, send an agenda, establish action items and follow up with detailed meeting minutes.
- **Improve project documentation, especially as it relates to changes in scope, work effort, schedule or budget.** Document all discussions and decisions that may concern or influence a project in any way.
- **Establish a written policy on e-mail—and enforce it.** Make sure the policy warns against putting anything in an e-mail that the author wouldn't want printed in the local paper—or in a court record. The policy should also outlaw off-color or racy humor, venting, unguarded statements and other potentially dangerous content.
- **Pay particular attention to all your written communications.** Use the right words and the appropriate tone and vehicle for your information. Make sure the writing is clear and unambiguous. Have a colleague review important documents.
- **Establish a protocol to recognize and deal with difficult situations.** Putting off a problem only makes it more expensive to fix and more difficult to solve to your client's satisfaction. On the other hand, most clients will remain loyal if you handle their complaints in a prompt and satisfactory manner.

Good communication keeps your team members focused on their shared objectives of completing the project on time, on budget and in accordance with the client's requirements. Making an effort to improve communication should pay big dividends—figuratively and literally.

For additional information on this or other professional liability topics visit www.xldp.com.

The information contained herein is intended for informational purposes only and does not constitute legal advice. For legal advice, seek the services of a competent attorney. Any descriptions of insurance provisions are general overviews only.

XL Group is the global brand used by XL Group plc's insurance subsidiaries. In the US, the insurance companies of XL Group plc are: Greenwich Insurance Company, Indian Harbor Insurance Company, XL Insurance America, Inc., XL Insurance Company of New York, Inc., XL Select Insurance Company, and XL Specialty Insurance Company. Not all of the insurers do business in all jurisdictions nor is coverage available in all jurisdictions. 

Professional Development

Charter Oak State College

EGR 410 BOUNDARY LAW

Online Asynchronous Text Based Course

15 Weeks, 3 Credits, Spring Semester

Charter Oak State College, CT

www.charteroak.edu

Textbook: Evidence and Procedures for Boundary Location, 6th Ed., Robillard et al

This course is not an FS review course but an in depth class on boundary law in both public lands and metes and bounds states. It has proven helpful in mastering boundary law issues for the FS examination.

Instructor: Jay Doody PLS & PE (CT) For more information contact Jay Doody at jjdoody@snet.net



National Society of Professional Surveyors Update

NSPS 2013 Fall Meeting Dates Announced

NSPS will hold its 2013 fall meetings near BWI Airport (Baltimore) November 21-24. The annual lobby day event will occur on the 21st (lobby day attendees should plan to arrive on the 20th), followed by the normal business meeting schedule 22nd-24th. More details will be released when negotiations are finalized.

Editorial calls for FEMA flood program reform

The New York Times has printed an [editorial](#) commenting on a recent federal [report](#) on rebuilding after Hurricane Sandy, including recommendations on flood mapping, the future of FEMA flood insurance programs, development practices, and governmental permitting.

NSPS to Hold 'Lobby Day on Capitol Hill' Webinars

The NSPS Fall Business Meeting, to be held November 20-24 at the Four Points Sheraton at Baltimore-Washington Airport, will include a Lobby Day on Capitol Hill on Thursday, November 21. In order to enhance the effectiveness of the NSPS message before Congress, the society's government affairs consultants, [John M. Palatiello & Associates, Inc.](#), are conducting two webinars to help train and refresh NSPS members on effective Congressional meetings. The first webinar, on making Congressional appointments, will be held on Tuesday, October 15 at 1:00 PM (EDT). The second webinar, on Monday, November 18 at 1:00 PM (EST), will provide guidance on the logistics of Lobby Day and a briefing on the surveying issues to be discussed with Congress. Information on the [Fall Business Meeting](#) and a [schedule of events](#) at the Fall Business Meeting has been posted. Mark

USGS releases state 3DEP profiles

The U.S. Geological Survey (USGS) has begun to release state profiles for the 3D Elevation Program (3DEP). From flood mapping to aviation safety, from precision agriculture to infrastructure, 3DEP will provide enhanced national elevation data, largely collected via LIDAR. Among the recently released state profiles, check the following links: [Idaho](#); [Rhode Island](#); [Virginia](#); [Washington](#); and [Wisconsin](#). Check out additional information on [3DEP](#) and [NSPS support](#) for the program.

NSPS's Sumner Briefs Senator on Davis-Bacon

Pictured are American Action Forum President & CEO Douglas Holtz-Eakin, Senator Barrasso, and Curt Sumner, Executive Director NSPS.



The Labor Department's regulatory scheme to expand coverage of the Davis-Bacon Act to include survey crews was the topic of a presentation by NSPS Executive Director Curt Sumner, LS, at the U.S. Capitol. The September 19 Regulatory Reference Meeting, sponsored by the American Action Forum, included Sumner and Senator John Barrasso (R-WY).

New Book Available

Rooted in Stone: the Development of Adverse Possession in 20 Eastern States and the District of Columbia. By Chris Kline

It was put together with surveyors in mind, and is the only thing available on the topic. It is available at 2Point, Inc., P.O. Box 96; Alexander, NC 28701.

The doctrine of adverse possession has a particular fascination for me, but interest in this topic goes far beyond the surveying profession. Attorneys, employees of government agencies and the general public all become enthusiastic when squatters' rights or trespass are mentioned. Many surveyors and attorneys have a good working knowledge of the basic principles involved, but beyond these building blocks exists a broad range of complex, confusing, and sometimes contradictory precedent that is unique to every jurisdiction.

In researching common and statutory law for this book, I have tried where possible to emphasize cases that either set or follow established precedent. However, some opinions that have been superseded by statutory authority or overturned by later cases are included to illustrate contentious issues. These contrary opinions are clearly indicated as such, and the chronological presentation of opinions allows the reader to develop a feel for the strength of the current positions on various elements of the doctrine in each state.

Kris Kline is president of 2Point Inc., Alexander, N.C. Kline teaches several classes on boundary retracement but remains a student of the discipline. He can be reached at kkline@buncombe.main.nc.us. More information on Kline's available continuing education courses can be found at www.2point.net. Kline's first book, "Rooted in Stone: the Development of Adverse Possession in 20 Eastern States and the District of Columbia," is due out this year.

Congratulations to Samuel Stietzel who was the only person who passed the LS Exam in April 2013 and will be issued a license from the State of Connecticut.

The Final Point Marker ,in memory of Bill Giel, has been set.
A date will be picked in the near future for a unveiling
ceremony.

We hope that everyone who liked and respected Bill will attend.



October 2013

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14 Columbus Day	15	16	17	18 GPS Seminar	19
20	21	22	23	24 CALS BOD Meeting	25	26
27	28	29	30	31 		

November 2013

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 CALS 46th Annual Meeting	2
3	4	5	6	7	8	9
10	11 Veteran's Day 	12	13	14	15	16
17	18	19	20 NSPS Business Meeting	21 NSPS Lobby Day	22 NSPS Business Meeting	23 NSPS Business Meeting
24	25	26	27	28 	29	30

“Challenges are what make life interesting and overcoming them is what makes life meaningful”

Classified

Consistently ranked by CE News as one of the “Best Civil Engineering Firms to Work For,” **Vanasse Hangen Brustlin, Inc.** (VHB) provides integrated planning, transportation, land development, land surveying and environmental services from 21 offices throughout the east coast. VHB is dedicated to providing a challenging, fun, and rewarding work environment. Our expanding Land Surveying Departments in Connecticut, Western Massachusetts and New York are **seeking qualified candidates to join our team, including entry level to project management level positions.** Please submit qualifications and resumes via email to ccdanforth@vhb.com.

Join the 2012 Builder of the Year! ESE Consultants, Inc., a Toll Brothers, Inc. Company, has two openings for a Field Land Surveyor to join our team in Newtown, CT.

We are a full-service land surveying company that conducts site improvement stakeouts, outbound surveys, topographic surveys and ALTA/ACSM surveys for residential developments.

This is an exceptional opportunity to join one of the nation’s most respected companies!
Qualifications:

- Ability to perform and work as a one-person crew utilizing state-of-the-art robotic and GPS equipment.
- Working knowledge of construction layout, cut sheets and survey calculations, outbound and title surveys, topographic survey, and data collection of survey information.
- Excellent written and verbal communication skills required.
- AutoCAD experience a plus.
- 3-5 years of experience in the role of a Party Chief.
- A college degree is preferred but not required.

We offer an excellent compensation and benefits package, including comprehensive medical/dental, 401 (k) with a company match, discounted stock purchase, discounts on mortgages, homes, appliances, and much more! Come see why ESE Consultants, Inc. has been attracting and retaining some of the best professionals in the industry! For immediate consideration, please email your resume to Jobs@TollCareerCenter.com today!

Surveyors Field & CADD Technicians – Multiple Vacancies - Work for an Industry Leader!

Challenging Projects - Dynamic Work Environment - Outstanding Opportunities

Langan Engineering & Environmental Services is an award-winning ENR Top 500 Design Firm and has been recognized as one of CE News Best Civil Engineering Firms to Work For. Join our team of industry leaders and make a difference on some of the most exciting and interesting projects in the field! Langan offers integrated engineering and environmental services for both public and private sector clients at sites located throughout the United States and abroad.

Langan has openings for Survey CADD Technicians and Field Technicians.
We have multiple vacancies for temporary hires with possible future full-time opportunities at our Elmwood Park, NJ; New York, NY; New Haven, CT and Center City Philadelphia, PA locations.

As the successful candidate, you will be working on small and large-scale land development projects. You will have experience working with commercial, retail and residential properties within the local region. Relocation assistance is not available.

Requirements: Ideally possess a minimum of 2 years related survey drafting experience and/or field experience; Proficiency in Civil 3D and/or Carlson software; Strong attention to detail with excellent analytical and judgment capabilities; Demonstrated ability to work with co-workers and managers; Excellent communication skills; Possess a valid driver’s license in good standing; Availability to travel overnight for select projects; and, Position requires work Monday through Friday with occasional evenings and weekends.

We provide our staff with the opportunity to direct their own career path. If you are a highly motivated self-starter, we can offer you challenge, responsibility, and an environment to grow your career! We offer employees competitive compensation packages; company paid medical, dental, and vision coverage; life insurance, short- and long-term disability insurance; 401(k) with company match; educational reimbursement; extensive training; and much more!

Please send resume, cover letter, desired office location, and salary requirements with Job REF # MULTI-JER-1001CAL to Marie Best care of careers@langan.com or fax 201-398-4702.

Classified

Fairfield County:

• **Party Chief Surveyor** with extensive field work, title search, survey computation aptitude and up to date CAD proficiency. Full benefit package offered. EOE.

Please email resume to saraoward@ccaengineering.com CCA, LLC, Brookfield, CT.

• Pereira Engineering, LLC is an established Civil/Environmental/Land Surveying firm located in Shelton, CT and we are looking to fill the following position as of June 2013:

INSTRUMENT MAN / SURVEY TECHNICIAN:

We are seeking an experienced Instrument Man / Survey Technician with a minimum of five (5) years experience in all facets of land surveying from boundary surveying to construction layout. The qualified candidate must be highly-motivated and detail-oriented and must be familiar with Trimble Instruments, Trimble Data Collectors, and GNSS systems. AutoCAD and Autodesk Survey software experience a real plus!

Duties include field surveying, downloading/uploading survey data, land record research, and AutoCAD drafting.

Pereira Engineering offers a very competitive salary and benefits package including Major Medical Insurance, Retirement Plan, Life Insurance including Short-Term Disability and AD&D coverage, paid Vacation, Holidays, Sick Days, and Direct Deposit for payroll.

Please email resume and salary requirements to: joe@pereiraeng.com or fax to: (203) 944-9945.

Litchfield County:

- **Party Chief, Rodman, Instrument man** with more than 30 years experience doing boundary work and construction layout on multi-million dollar projects throughout the state. Responsible and dependable. Looking for full-time or part-time work in Litchfield County. Contact the CALS office for contact information #72013. References available upon request.

Hartford County:

- Join an energetic and growing group of civil/transportation professionals at BSC Group, Inc., a 110-person multi-state consulting engineering firm. The following position is currently open in our **Glastonbury, CT** office:

Part-Time Survey Technician – Work schedule will be 16-24 hours per week with the possibility of advancing towards full-time employment. Responsibilities include assisting Land Surveyors at the job site with land title surveys, existing condition/topographic surveys, boundary surveys, subdivision surveys and construction staking. Candidates must be physically capable of carrying tools over difficult terrain and working outdoors in varying weather conditions. The qualification requirements are a minimum of 2 years of experience, a valid driver's license and good math skills. Associate's degree a plus.

Please e-mail your resume to: info@bscgroup.com, No telephone calls, no recruiters, please.

BSC is an AA/EEO employer.

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Middlesex County:

- **Office CAD Designer / GIS Technician** - We currently have an opening for a CAD Designer/ GIS Technician in our Cromwell, CT office. CAD Designer/ GIS Technician would be responsible for producing survey maps and engineering site plans. Applicants should have knowledge of AutoCAD, Microstation, Microsoft Excel and Word. Knowledge of ARC GIS will be a requirement. A high school diploma or equivalent is required. A minimum of three (3) years of survey experience is preferred. Please send resumes to: contact@lrconsult.com
- **Instrument Person** - We currently have an opening for an Instrument Person in our Cromwell, CT office. Practical knowledge of land surveying practices is required. Skills in using total stations, GNSS equipment, robotic instruments and data collectors a plus. Applicants should have the ability to travel for work. A high school diploma or equivalent is required. A minimum of three (3) years of survey experience is preferred. OSHA 40 hour training and OSHA construction certificate a plus. All successful applicants will have back ground checks, will be drug tested and will be subject to random testing throughout the year. Please send resumes to: contact@lrconsult.com
- **Senior Surveyor (CT)** - Currently we are seeking a Senior Surveyor in our Cromwell, CT office. Senior Land Surveyor would be responsible for production of surveying and mapping projects in accordance with current standards of practice. The successful applicant will schedule, assign and supervise work of survey parties engaged in collection, processing and mapping of survey data. The ideal candidate will be a PLS in the State of Connecticut with 5 or more years of surveying and mapping experience, reducing field notes, preparing base maps and performing office computations. Computer skills should include Autodesk/AutoCAD, Trimble Office, and Microsoft Excel and Word. Travel to our office in Poughkeepsie, NY may, at times, be required. OSHA 40 hour training and OSHA construction certificate a plus. All successful applicants will have back ground checks, will be drug tested and will be subject to random testing throughout the year. Please send resumes to: contact@lrconsult.com

New Haven County:

- **Survey Project Manager** - Milone & MacBroom, Inc. is a growing multidisciplinary engineering, planning, landscape architecture, and environmental science consulting firm. We will provide you with the opportunity to collaborate with a diverse workforce of extremely talented professionals.

We are seeking a licensed professional land surveyor to join our land surveying department as a Survey Project Manager at our corporate office located in Cheshire, Connecticut. The qualified candidate will have the opportunity to work on a wide range of projects in the New England area.

As an essential member of the survey team, the successful candidate will be responsible to manage survey projects, coordinate with clients and build relationships, supervise survey crews, and coordinate survey projects with other professionals throughout the company.

The ideal candidate will be a licensed land surveyor in Connecticut and Massachusetts with a minimum of five years' experience and the ability to relate to clients and people at all levels of the organization. Excellent oral and communicative skills are necessary. Experience using GPS survey technology and knowledge of *AutoCAD* and *Carlson* software are preferred.

We offer a competitive salary, opportunity for advancement, a comprehensive benefits package, and a flexible and positive work environment. Our success depends on attracting the best talent and continuously striving to improve what we do and how we do it. There are no barriers to where your talent can lead you.

Interested applicants may submit their resume to:

Pamela Harris, Human Resources Manager, Milone & MacBroom, Inc., (203) 271-1773
99 Realty Drive, Cheshire, CT 06410, pamh@miloneandmacbroom.com

Milone & MacBroom, Inc. is an Affirmative Action/Equal Opportunity Employer. M/F/D/V

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New Haven County:

● **"Land Surveyor Assistant"** - Successful candidates must be able to work indoors as well as outdoors in all weather conditions and varied field conditions; Ability to lift 50lbs;

Must be dependable with own transportation & possess a valid CT driver's license;
Must be proficient in computer and math skills.

Past survey experience is a plus.
Monday - Friday 32 to 40 hours a week.
Salary DOE

Please send or fax resume and references to:

LWF Land Surveying
48 Alps Road
Branford, CT 06405
Fax (203) 483-9388
cfisher.lwf@sbcglobal.net

● **Rod Person**—Civil Engineering / Land Surveying Firm looking for an instrument / rod person. AutoCAD experience very helpful. Pay commensurate with experience. Please contact John or Scott @203-639-8636.

● **CAD Technician**—Part time - may lead to full time. CT Civil Group, LLC Milford CT. Experience with Autocad Land Development Desk Top Drafting Surveys and Site Plans.
Please forward inquires to rwassmer@ctcivilgroup.com

● **Civil Engineer** – Wallingford, CT -.Civil Engineer needed for family owned Engineering and Surveying firm in business for over 39 years. Must have 3 years or more experience in site planning, grading, utilities, subdivision design and commercial development. Must be able to multi-task and possess strong communication skills. Knowledge of AutoCAD and Microsoft Office. Please send your resume and salary requirements to cjuliano@julianoassociates.com.

● **Instrument man / Rod man** - Contact Scott Poryanda, Connecticut Consulting Engineers, LLC, One Prestige Drive, Suite 110, Meriden, CT 06450, Tele. 203-639-8636.

Southern Connecticut:

● **Position available** for career oriented land surveyor in well established civil engineering and land surveying firm located in southeastern Connecticut. Qualified candidates must have valid Connecticut Land Surveyor license or be eligible to obtain licensure within one year. Candidates must have solid background and experience in field surveying, processing of field data, land record research, boundary analysis, defensible determination of property boundaries, and preparation of final survey maps. This position requires the ability and willingness to manage and supervise technical and professional staff, interact directly with clients and prepare project budgets and client proposals. This position is intended to result in advancement to senior management with future ownership opportunity.

Interested parties may submit a letter of interest along with a current professional resume – all contact will be kept confidential. Respond to: ctsurveyorwanted25@gmail.com

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Timothy P. Esler - 201-262-1200
tpesler@gmail.com

**GEOMAPS
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Bethpage, NY
William Crawbuck - 516-827-9100
billc@geomapsintl.com

GOLDEN AERIAL SURVEYS
Aerial Photogrammetry Services
Newtown, CT
Lenny Johnson - 203-426-3322
lgjohnson@goldenaerialsurveys.com

**KEYSTONE PRECISION
INSTRUMENTS**
Surveying Instruments
& Supplies
Eric Beiler, CT Sales Rep. -
860-558-5700
ebieler@keypre.com
Paul Carver, Manager - 888-443-9840

**LAFAVE, WHITE
& MCGIVERN**
Aerial Photogrammetry Services
Theresa, NY
Daren L. Morgan - 315-628-4414
info@lafavewhitemcgivern.com

**LAND INTEGRATED
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Aerial Photogrammetry Services
Watertown, CT
Maan-Nan Liu - 860-274-5956
maanliu@yahoo.com

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& Supplies
Woburn, MA
Mike Gage - 800-322-5003
mgage@maintechnical.com

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Nashua, NH
Robin Adams - 800-336-3375
radams@microdesk.com

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Farmington, CT
John Carbone - 860-677-2600 x129
john_carbone@mwfinancial.com

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Kevin Reynolds - 860-308-2388
kreynolds@rsgllc.com

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