



The North Carolina Bulletin

The Newsletter of the North Carolina Board of Examiners for Engineers and Surveyors

May 2018 Spring Issue



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The North Carolina Bulletin

Published to provide news and information regarding statutory and regulatory changes and to promote a better understanding of the practices of engineering and land surveying in the State of North Carolina.

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Power, Knowledge, and Responsibility

*by Linda A. Thurman, Public
Board Chair*

It is often said that the first thing licensees do when they get this newsletter is flip to the back page to see if anyone they know “got disciplined.” While I may not want to believe that every licensee is interested in the “mistakes or wrong doing” of their peers, it does inspire me to take a few minutes to focus on the “positives of the profession” and there are plenty.

As a public member, I have the great honor, and I truly do mean the GREAT honor, of gaining an insight into a world that many do not. I am able to participate in board and committee discussions, help guide policies, provide input into cases, and not to mention represent the end user.

After 8 years on the board, I am still amazed as to how much time and thought goes into every question and decision that is asked by a licensee, non-licensee, society, company, and municipality. I can honestly say, the process that is followed and responses that are crafted, strive to be consistent and fair to all parties.

Working in the College of Engineering, I often tell the students, they are some of the most intelligent people in the world. Many people are incapable or lack the desire to “think” like they think. Not to insult us non-technical folks but most people will never be able to design, build or solve engineering and surveying issues and problems. I advise the students to embrace that knowledge and use it to protect and better our communities. I remind them that with that type of power and knowledge comes responsibility.

In my college and here at the board, we place just as of high value on Ethics and Professionalism as we do on technical

competencies. PE’s and PS’s must be competent in their profession but they also must be ethical and remain professional because that can speak volumes about who they are as a person and the profession. An engineer spoke to my class many years ago on ethics and he said “as long you always do the right thing, you never need to look over your shoulder. Always take the high road.” Out of the hundreds of speakers I have brought in, his words are the only ones that I truly remember. While they seem very simple and common sense like, I have learned over the years that not everyone has the same definition of common sense.

It goes without saying that we could not live in a civilized world and have an advancing society without the engineers’ and surveyors’ expertise, skills and knowledge. We get in our cars and drive to work or drop our kids off at school knowing the car’s wheels will not fall off. We arrive home and pull into the driveway that is on our own property, turn on the living room lights and start the dishwasher knowing clean water will be used. We are a trusting society. And we are so trusting, thanks to all of you, the licensees. Every day thousands of North Carolina Professional Engineers and Professional Surveyors are conducting their practice in an ethical manner and are using their competencies to safeguard the life, health and property and to promote public welfare...this board’s very mission.

So on behalf of the public I want to say thank you to all of you. Thank you for making our lives livable and enjoyable and please know your hard work, knowledge and efforts do not go unnoticed. Most of us just do not always know how or who to thank.





Competency in Practice

by Stacey A. Smith, P.E.
CPC Committee Chair

Establishing, recognizing, and maintaining technical competency remains at the forefront of one's professional journey. Licensure begins with demonstration of "minimally competent" as a threshold to professional practice. We commonly refer to the competency elements as a "three-legged stool" consisting of Education, Experience, followed by Examination. However, Session Law 2016-105 redefined the hurdle of education and experience before examination to now require only education before examination.¹ Experience is then applied before licensure. This statute update is consistent with "de-coupling" identified within NCEES Model Law.² The de-coupling revision places unique focus on one's experience.

A New Licensee

Did you feel different upon receipt of your professional license? Perhaps accomplishment? Perhaps some reluctance? We all understand the burden of Professional Conduct³ now lies with us. We should all similarly understand the use of the professional credential is generalized, yet requires us to **perform services only in areas of the licensee's competence**. So, how do we establish competence in our ever progressing industry?

CPC Requirements

21 NCAC 56 .1703 requires every licensee to obtain 15 PDH (Professional Development Hour) units during each renewal period. PDH units may be earned as follows:

- Completion of college courses;
- Completion of continuing education courses, seminars, or workshops;
- Completion of correspondence, televised, Internet, videotaped, audiotaped, and other courses or tutorials;
- Presenting or attending seminars, in-house courses, workshops, or professional or technical presentations made at meetings, conventions or conferences;
- Teaching or instructing of the items above;
- Authoring published papers, articles, or books;
- Active participation in professional or technical societies as defined in Rule .1705(f);
- Patents;
- Authoring exam questions accepted for use in the engineering or land surveying exams; or

PDH Conversion Table (21 NCAC 56 .1704)

• 1 College or unit semester hour	45 PDH
• 1 College or unit quarter hour	30 PDH
• 1 Continuing Education Unit (CEU)	10 PDH
• 1 Contact hour of professional development	1 PDH

Course work, seminars, or professional or technical presentations made at meetings, conventions or conferences, and for correspondence, televised, Internet, videotaped, audiotaped, and other courses or tutorials. Contact hours equal the actual time of instruction and shall be credited to the nearest one-third of an hour.

- For teaching in Items above 2 X PDH

Teaching credit is valid for teaching a course or seminar for the first time only. Teaching credit does not apply to full-time faculty, as defined by the institution where a licensee is teaching.

- Each published paper, article or book 10 PDH

Active participation in professional and technical society

- Each society 2 PDH
- Each patent 10 PDH
- Each question used in authoring exams 2 PDH

Active participation on boards, commissions, committees or councils of private, local, state or federal government entities

- Each entity 2 PDH

- Active participation on boards, commissions, committees or councils of private, local, state or federal government entities as defined in Rule .1705(g).

As shown above, the licensee has a number of options to further professional competency and to maintain concurrence with industry trends. Review of these rules, stipulations, and course value should be conducted each year to insure full compliance with CPC requirements. The board offers assistance with questions and management on our Frequently Asked Questions section (<http://www.ncbels.org/cpcfaq.html>). A log should be maintained and an example log is available on the Board website (<http://www.ncbels.org/CPC/CPCActivityLog1.pdf>).

Engineering Competency Model (ECM)

Maintaining competency is a personal adventure whereby the employer may provide assistance, review, and feedback based on individual performance. However, the licensee should maintain similar self-reflection regarding all aspects and skills necessary to maintain the *safety, health, and welfare of the public*. An example of a broad form method is delivered in the Engineering Competency Model (ECM). The United States Department of Labor Employment and Training Administration (ETA) and the American Association of Engineering Societies (AAES) developed the ECM recently to highlight the knowledge, skills, and abilities needed in the field of engineering (shown on next page).

The model is developed in five (5) tiers under two (2) main competency areas; Foundational and Industry Specific. Foundational Tiers considered as “soft skills” consist of the following competencies:

- Tier 1: Personal Effectiveness
- Tier 2: Academic
- Tier 3: Workplace

Industry Specific Tiers capture the development of broad skills sets that apply to all engineering related fields and consist of the following competencies:

- Tier 4: Industry Wide
- Tier 5: Industry Sector

The ECM is a broad platform that can be used to identify and strengthen one’s skills in industry yet is not a definitive list.

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Competency in Practice

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Business Competency

The ECM highlights certain areas of leadership and general business related training. Although valuable in the workplace, caution is noted regarding classes that may be purely administrative such as:

- Business (unrelated to the practice of engineering/surveying)
- Accounting
- General office management
- Leadership
- Continuing education related to other licenses, professions and trades (e.g. real estate, home inspector, contractor, etc.) unless clearly applicable to engineering/surveying
- Language

The licensee must demonstrate these classes specifically maintained, improved, or expanded the skills and knowledge

relevant to the licensee's field of practice. If further assistance is required regarding qualification of specific course, seminar, etc. the licensee is encouraged to contact the Board office.

Field of Practice

At the time of initial licensure, an area of competency is identified for the purposes of examination. Current practice areas by NCEES are listed below:

Structural Engineering
Agricultural and Biological Engineering
Civil Engineering (multiple disciplines)
Architectural Engineering
Software Engineering
Control Systems
Electronics, Controls, and Communications



Engineering Competency Model (ECM)

Management Competencies

Occupation-Specific Requirements

Tier 5 - Industry-Sector Functional Areas

Competencies to be specified by industry sector representatives

Tier 4 - Industry-Wide Technical Competencies

Foundations of Engineering	Design	Manufacturing & Construction	Operations & Maintenance	Professional Ethics	Business, Legal & Public Policy	Sustainability & Societal & Environmental Impact	Engineering Economics	Quality Control & Quality Assurance	Safety, Health, Security & Environment
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Tier 3 - Workplace Competencies

Teamwork	Client/Stakeholder Focus	Planning & Organizing	Creative Thinking	Problem Solving Prevention & Decision-Making	Seeking & Developing Opportunities	Working with Tools & Technology	Scheduling & Coordinating	Checking, Examining & Recording	Business Fundamentals
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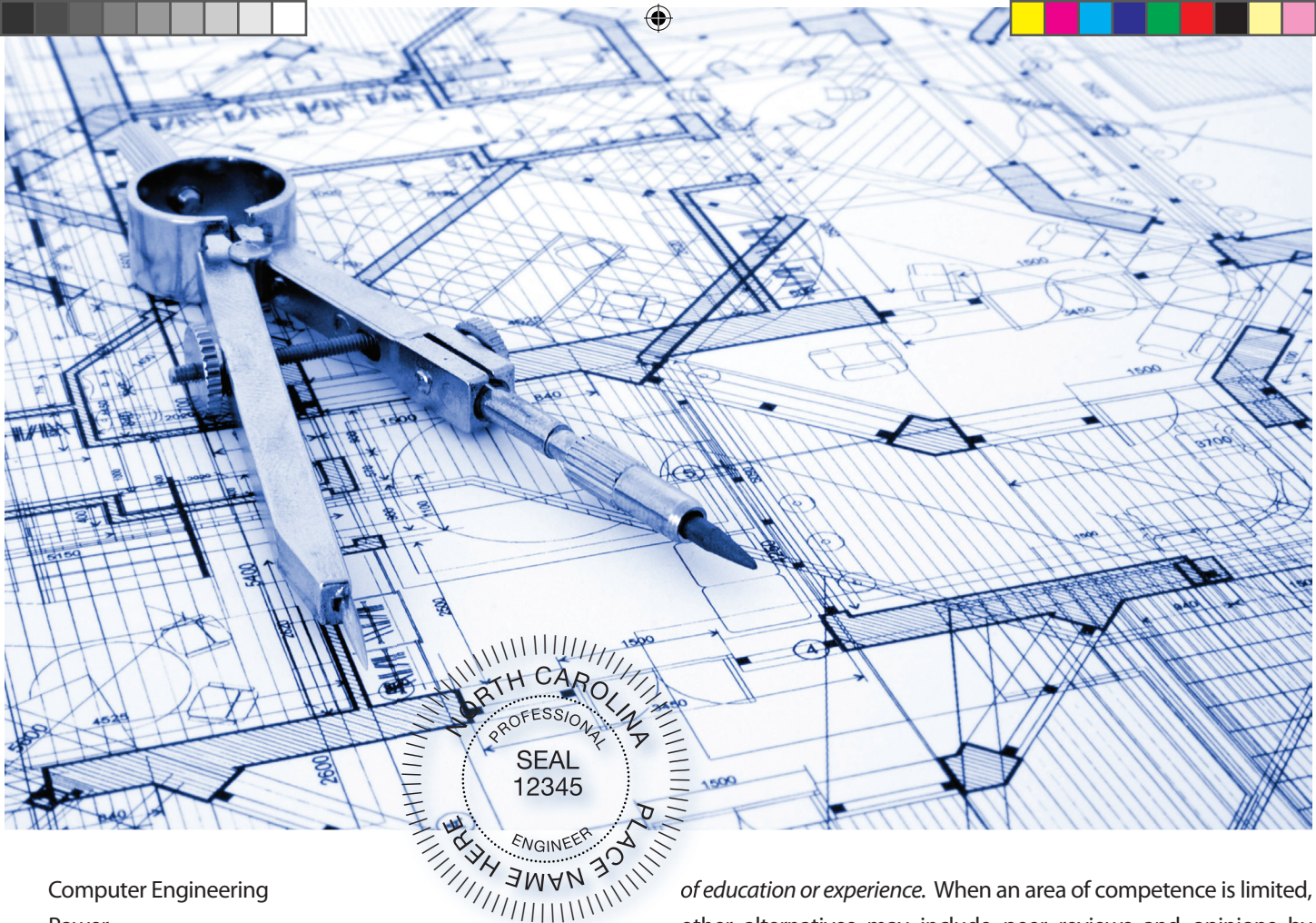
Tier 2 - Academic Competencies

Reading	Writing	Mathematics	Science & Technology	Communication	Critical & Analytical Thinking	Computer Skills
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Tier 1 - Personal Effectiveness Competencies

Interpersonal Skills	Integrity	Professionalism	Initiative	Adaptability & Flexibility	Dependability & Reliability	Lifelong Learning
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Source: U.S. Department of Labor, Employment and Training Administration



Computer Engineering
Power
Environmental
Fire Protection
Industrial and Systems
Mechanical (multiple disciplines)
Metallurgical and Materials
Mining and Mineral Processing
Naval Architecture and Marine Engineering
Petroleum

Certain fields of engineering can be broad and the professional is left to decide their area of competence throughout their career. However, it is not uncommon for the licensee to be qualified in say civil yet evolve experience to include aspects of mechanical and electrical. The professional, if qualified, may certainly exercise their license in this way, yet must be cautioned that training, education and/or experience must be demonstrated in the event of enforcement.

Is it okay for a licensee to sign and seal a work product with limited experience? Certainly Not! The Rules of Professional Conduct dictate that the licensee **shall perform services only when qualified by education or by experience in the specific technical field of professional engineering or land surveying involved.** Furthermore, the licensee *shall not affix the signature or seal to any engineering or land surveying plan or document dealing with subject matter for which the licensee lacks competence by virtue*

of education or experience. When an area of competence is limited, other alternatives may include peer reviews and opinions by other qualified licensed professionals. The licensee shall include all pertinent information in the design file to demonstrate responsible charge and intentional prudence to the best interest of the public.

Experience and Judgment

Experience and judgment are forever linked. The provisions of Continuing Professional Competency remain cornerstone to career development. Dr. Ralph Peck once explained:

*"It (engineering judgment) is indispensable for several reasons because: some problems cannot yet be solved by mathematical analysis; those problems that can be solved by mathematical analysis can be solved correctly only if the input is reasonable; and the output of analyses even from electronic computers needs to be judged, accepted, or rejected on the basis of its reasonableness. As a working definition of engineering judgment, let us simply call it a good sense of proportion, and let us explore how it may be cultivated."*⁴

¹ "Decoupling Takes Effect for the Spring 2017 PE Exam" the North Carolina Bulletin (newsletter of NCBEEs) in the fall issue dated October 2016.

² NCEES Model Law as updated annually located at <https://ncees.org/>

³ 21 NCAC 56.0701 "Rules of Professional Conduct"

⁴ "Advice to a Young Engineer" by Ralph B. Peck published in ASCE GEOSTRATA dated 2006, May/June, 12-15.

EXAMS

- » Stats
- » Dates
- » News



Exam Statistics

October 2017

Principles & Practice of Engineering (PE) 64.66% pass rate

Structural Engineering (SE)

Vertical Component 55.56% pass rate

Lateral Component 83.33% pass rate

Principles & Practice of Surveying (PS)

	<u>October 2017</u>	<u>January 2018</u>
Part B:	62.50% pass rate	100% pass rate
Part C:	77.78% pass rate	0% pass rate

Computer-Based Exam Results – October 17, 2017 to May 15, 2018

Principles & Practice of Surveying (PS) 60.0% pass rate

Fundamentals of Engineering (FE) 73.95% pass rate

Fundamentals of Surveying (FS) 29.63% pass rate



TRANSITIONS & NOTES

Shirley Ditt Honored at Retirement

Shirley Ditt, who came to work with the Board on November 21, 2008, retired on April 30, 2018. On March 21, 2018, Shirley's 9.5-year tenure was celebrated.



Board Chair Linda A. Thurman, Public voiced her appreciation for Shirley's years of service and recognized her special relationship with past and present Board members. The full Board presented a plaque to Shirley to recognize her service

and dedication to the Board and to the engineering and surveying professions.

New Face at the Board

Cora A. Houston joined the Board staff as the Assistant to the Executive Director and to the Board Counsel on April 23, 2018. She comes to the Board with over twenty-five years of legal and administrative experience gained during tenures in the federal government, a non-profit agency and, most recently, the software industry. Cora has three adult daughters and resides in Raleigh.

Board Meetings

Meetings of the NC Board of Examiners for Engineers and Surveyors are open to the public. Meetings are conducted at the Board office at 4601 Six Forks Road, Suite 310, Raleigh, NC 27609 (unless otherwise noted).

Persons wishing to be placed on the agenda should submit a written request to the Board address as follows: ATTN: Andrew Ritter, Executive Director, at least two weeks in advance of the next regularly scheduled Board meeting. These requests should contain information concerning the nature of the business that you would like to discuss with the Board.

Business Firm Renewals

2018 Online Firm Renewals will begin June 1, 2018. Once the firm renewal is reviewed and approved by staff, an email will be sent to the primary email address listed on the firm renewal notifying the firm that the renewal was processed and how the firm can print a copy of the annual license.

To avoid the email going into spam, please add the following email address, admin@membersbase.com, to your safe list.

At the end of May each licensed firm will be mailed a postcard to the address the Board has on file containing instructions on how to renew the firm's license online. The firm renewal fee for 2018-2019 is \$75.00. **Unless renewed, all firm licenses expire on June 30, 2018.**

For any business firm questions, email Mark Mazanek, Director of Business Licensure & Compliance at firms@ncbels.org.

Paper Renewal Opt-Out

To streamline the PE/PLS license renewal process and to be environmentally friendly, the Board offers a paper renewal opt-out feature. To opt out of receiving paper renewal forms, login to the **Licensees Only** section on the Board's website using your license number and PIN and follow the opt out instructions. The Board will continue to send e-mail notices when it's time to renew so keep your e-mail address up to date.

Address Changes

Per Board Rule [21 NCAC 56.0505(a), .0606(a)], you are required to provide the physical places of business and residential addresses. You can still provide a PO Box for your mailing address. You can login to the **Licensees Only** section on the Board's website at anytime to update your addresses and e-mail. Also, you are required to give notice to the Board of a change of business or residential address within 30 days of the change.

Access the Licensees Only section of the Board's website here:
<https://www.membersbase.com/ncbelsindividual/login.aspx>

BOARD ACTIONS 2018-1

The following summaries represent actions taken by the Board. Penalties vary depending upon the specific circumstances of each case. Space limitations preclude full reporting of all circumstances. The range of disciplinary actions includes: issuing a reprimand; suspend, refuse to renew, refuse to reinstate, or revoke the certificate of licensure; require additional education; or, as appropriate, require reexamination; or levy a civil penalty not in excess of \$5,000 for any engineer or \$2,000 for any land surveyor. Questions or requests for information concerning specific cases should be directed to David S. Tuttle, Board Counsel, at (919) 791-2000, extension 111 or via email at dstuttle@ncbels.org.

CASE NO. V2015-096

GAI Consultants, Inc.
Canonsburg, PA

VIOLATION: Corporation practiced or offered to practice surveying in North Carolina in violation of G. S. 89C-24 and 55B.

BOARD ACTION: Issued letter to place company on notice that practicing or offering to practice surveying in North Carolina without being licensed with the Board, is a violation of G. S. 89C-24 and 55B.

CASE NO. V2015-113

James W. Holland [PE No. 033716 – Suspended]
Dallas, NC

VIOLATION: Violated the conditions of the Decision and Order by not furnishing proof within six months of date of Decision and Order of passing the Engineering Ethics Intermediate Course offered by the Murdough Center of Texas Tech University.

BOARD ACTION: Suspended Engineering Certificate of Licensure until the Board receives proof of compliance with the Decision and Order.

CASE NO. V2016-039

Daniel Joyner, PLS [L-2439]
Wendell, NC

VIOLATION: Failed to provide bargraph [.1604(d)(11)]; failed to indicate title source [.1604(d)(11)]; and failed to indicate ratio of precision [.1603] on maps.

BOARD ACTION: Reprimand.

CASE NO. V2016-041

Firmatek, LLC [Non-licensed]
Selma, TX

VIOLATION: Limited Liability Company practiced or offered to practice land surveying in violation of G. S. 89C-24, 57D and 55B.

BOARD ACTION: Issued letter to place company on notice that practicing or offering to practice land surveying in North Carolina without being licensed with the Board, is a violation of G. S. 89C-24, 57D and 55B. The activities include, but are not limited to, stockpile measurements, drone solutions, mine mapping, landfill mapping, and 3D underground scanning, as indicated on its web site. Data for inventory management of stockpiles for authoritative measurement or for a stated accuracy is the practice of surveying and requires a Professional Land Surveyor.

CASE NO. V2016-045

Dereck L. Rabun, PE [027349 – Restricted]
Wake Forest, NC

VIOLATION: Performed services outside area of competence [.0701(c)(3)]; affixed certification to inadequate design documents, failing to protect the public [.0701(b)]; produced deficient, substandard or inaccurate reports, failing to protect the public [.0701(b)]; and failed to properly certify documents [.1103].

BOARD ACTION: Reprimand and restricted the respondent from providing services as the structural engineer in responsible charge for post/pre-tensioned concrete, high risk structures (Risk Category > II; Table 1604.5, IBC 2015, as adopted by the NC Building Code), hazardous facilities, special occupancy structures, essential facilities (per Table 1604.5, IBC 2015, as adopted by the NC Building Code) over 5,000 sq. ft. in ground area or 20 ft. in height, buildings over 4 stories or 55 ft. in height, bridges with spans over 200 ft., piers with surface area greater than 10,000 sq. ft., specialty structures (e.g., communication towers, signs >100 ft. in height), and structures where 300 people or more

continued on next page

congregate, until respondent provides proof to the Board of having successfully passed the NCEES Structural Engineering Exam (obtains acceptable results on Lateral Forces and Vertical Forces components of the exam).

CASE NO. V2016-051

Davey G. Williamson [PLS No. L-2826 – No Renewal]
Southport, NC

VIOLATION:

Map 1: Failed to comply with Standards of Practice for Land Surveying in North Carolina [.1600] to include failing to make adequate investigation and issuing an inaccurate survey creating an encroachment and gap with adjoining properties [.1602(a), (f)] and failing to accurately locate all apparent rights-of-way where crossing the boundary [.1604(d)(8)]; failed to conduct practice in order to protect the public health, safety and welfare [.0701(b)]; and failed to exercise adequate direct supervisory control or responsible charge by not supervising employees [.0701(c)(3)] resulting in a survey that did not comply with the requirements.

Map 2: Failed to provide an adequate legend [.1604(d)(11)]; failed to describe monuments as found or set [.1602(f)]; failed to report the results of a survey in a clear and factual manner [.1602(f)] as to Note E “A portion of this parcel is not located in a flood zone” and not showing the flood zone, and for incorrect deed references; and performed an inaccurate or substandard survey, failing to conduct practice in order to protect the public health, safety and welfare [.0701(b)], by incorrectly locating the property corners.

Map 3: Failed to describe monuments as found or set [.1602(f)]; and performed an inaccurate or substandard survey, failing to conduct practice in order to protect the public health, safety and welfare [.0701(b)], as survey doesn’t match deed or field conditions, and creating gap and encroachment with adjoining properties.

BOARD ACTION: Suspend Land Surveying Certificate of Licensure for 6 months.

CASE NO. V2016-052

Robert L. Wright, PE [026254]
Houston, TX

VIOLATION: Licensee’s corporation practiced or offered to practice engineering without a license in violation of G.S. 89C-24, 55B [.0701(b)].

BOARD ACTION: Reprimand and \$1,000 civil penalty.

CASE NO. V2016-073

R. Michael Bridges, PE [035733]
Winston-Salem, NC

VIOLATION: Failed to comply with the annual CPC requirements [.1703, .1712]; submitted false information on license renewal [G. S. 89C-23, .0701(d)(1)]; failed to conduct practice in order to protect the public health, safety and welfare [.0701(b)] by operating an engineering firm without a license.

BOARD ACTION: Reprimand, \$1,000 civil penalty and audit CPC the next three years renewed as current.

CASE NO. V2016-087

Donald G. Bolick, PLS [L-3688]
Valdese, NC

VIOLATION: Failed to make adequate investigation [.1602(a)] as to marker found offline and potential gap.

BOARD DECISION: Reprimand.

CASE NO. V2017-013

Don R. Woods, PE [019475]
Wilmington, NC

VIOLATION: Failed to properly certify documents by using a facsimile signature [.1103(a)(3)] and failed to include firm license number on documents [.1103(a)(6)].

BOARD ACTION: Reprimand.

CASE NO. V2017-018

W.P. Wottring, PE [006751]
Houston, TX

VIOLATION: Submitted false information on renewal form [G.S. 89C-23, .0701(d)]; disciplined by another jurisdiction and violating G.S. 89C or Board Rules [.0701(h)]; and failed to notify the Board of license discipline within 30 days [.0505(a)].

BOARD ACTION: Reprimand.

CASE NO. V2017-019

Robert E. Robbins [PE No. 018830 – Revoked]
Rochester, NH

VIOLATION: Submitted false information on renewal form [G. S. 89C-23, .0701(d)]; suspension by another jurisdiction and violating G. S. 89C or Board Rules [.0701(h)]; failed to notify the Board of license discipline within 30 days [.0505(a)]; and failed to cooperate fully with the Board in the course of an investigation [G. S. 89C-20].

BOARD ACTION: Revoked Engineering Certificate of Licensure.

CASE NO. V2017-022

Felton Wright Berger, PLS [L-5200]
Charlotte, NC

VIOLATION: Failed to be completely objective and truthful in professional statements [.0701(d)(1)]; failed to report the results of a survey as a map or report of survey [.1602(f)]; and used the word “engineer” in violation of licensing required by G. S. 89C-23.

BOARD ACTION: Reprimand.

CASE NO. V2017-023

John D. Powers, Jr., PLS [L-3719]
Lumberton, NC

VIOLATION: Failed to be completely objective and truthful in professional statements [.0701(d)(1)] and failed to conduct practice in order to protect the public health, safety and welfare [.0701(b)].

BOARD ACTION: Reprimand and \$2,000 civil penalty.

CASE NO. V2017-025

Lappert Smith Industries, LLC d/b/a Charlotte UAV [Non-licensed]
Charlotte, NC

VIOLATION: Limited Liability Company practiced or offered to practice engineering and surveying in violation of G. S. 89C-24, 57D and 55B.

BOARD ACTION: Issued letter to place the company on notice that practicing or offering to practice engineering and surveying in North Carolina without being licensed with the Board, is a violation of G. S. 89C-24, 57D and 55B. The activities include, but are not limited to, the web site described services of accurate aerial maps; creation of break lines, reference points, digital elevation models, contour lines, and calculations; analysis of volumes of stockpiles; aerial mapping, photogrammetry and engineering services; and responding to an RFP that includes the following: collection and extraction of data for engineering and mapping, and the delivery of the products; photogrammetric interpretation, compilation, and rectification; and the requirement of a PLS license.

CASE NO. V2017-029

Greenlancer Energy, Inc. [Non-licensed]
Detroit, MI

VIOLATION: Corporation practiced or offered to practice engineering in violation of G.S. 89C-24 and 55B.

BOARD ACTION: Issued letter to place the company on notice that practicing or offering to practice engineering in North Carolina without being licensed with the Board, is a violation of G. S. 89C-24 and 55B. The activities include, but are not limited to, offering engineering design services of “Feasibility Study” (“critical design constraints are identified”), “Concept Design” and “Permit Package.” In addition it includes the marketing of engineering services that are dictated in scope, method of accomplishing by a referral to a PE, and cost of services.

CASE NO. V2017-030

Janson Dantzler Wimberly, PE [037524]
Anderson, SC

VIOLATION: Affixed certification to work not done under direct supervisory control or responsible charge [.0701(c)(3)] and

his Limited Liability Company practiced or offered to practice engineering in violation of G.S. 89C-24, 57D and 55B.

BOARD ACTION: Reprimand.

CASE NO. V2017-046

Horton Design Group, PLLC [P-1595]
Cornelius, NC

VIOLATION: Failed to notify the Board of license discipline within 30 days [.0804(c)] and disciplined by another jurisdiction [G. S. 89C, .0701(h)].

BOARD ACTION: Reprimand and \$5,000 civil penalty.

CASE NO. V2017-048

Glen E. Walker [PE No. 004003]
Hickory, NC

VIOLATION: Produced a deficient, substandard or inaccurate report, failing to protect the public [.0701(b)].

BOARD ACTION: Refused to renew license, or if renewed or reinstated, revoke Engineering Certificate of Licensure.

CASE NO. V2017-058

Mark Fronrath [Non-licensed]
Cornelius, NC

VIOLATION: Practiced or offered to practice land surveying and engineering without being licensed as required by G. S. 89C-23.

BOARD ACTION: Issued letter to place individual on notice that practicing or offering to practice land surveying and engineering in North Carolina without being licensed with the Board, is a violation of G. S. 89C-23. The activities include, but are not limited to, the web site holding out services of "Mapping & Surveying," as well as the manipulation of aerial data for CAD and GIS programs and commercial roof inspections.

CASE NO. V2017-059

NC Drone Pro, LLC [Non-licensed]
Cornelius, NC

VIOLATION: Limited Liability Company practiced or offered to practice land surveying and engineering in violation of G. S. 89C-24, 57D and 55B.

BOARD ACTION: Issued letter to place company on notice that practicing or offering to practice land surveying and engineering in North Carolina without being licensed with the Board, is a violation of G. S. 89C-24, 57D and 55B. The activities include, but are not limited to, the web site holding out services of "Mapping & Surveying," as well as the manipulation of aerial data for CAD and GIS programs and commercial roof inspections.

CASE NO. V2017-061

Dilip M. Khatri, PE [No. 044027 – Revoked, Stayed]
Pasadena, CA

VIOLATION: Licenses revoked (stayed) by another jurisdiction [G. S. 89C, .0701(h)] and failed to notify the Board of license discipline within 30 days [.0505(a)].

BOARD ACTION: Revoked Engineering Certificate of Licensure, stayed provided California does not activate revocation during probation period.

CASE NO. V2017-062

Droners, LLC d/b/a Droners.io [Non-licensed]
South Kingstown, RI

VIOLATION: Limited Liability Company practiced or offered to practice land surveying in violation of G. S. 89C-24, 57D and 55B.

BOARD ACTION: Issued letter to place company on notice that practicing or offering to practice land surveying in North Carolina without being licensed with the Board, is a violation of G. S. 89C-24, 57D and 55B. The activities include, but are not limited to, the web site holding out aerial surveying and mapping services resulting in a map, a drawing, or a 3D model of an object or land mass; aerial photogrammetry; and LIDAR mapping.

continued from previous page

CASE NO. V2017-063

Wiss, Janney, Elstner Associates, Inc. [C-3635]
Northbrook, IL

VIOLATION: Used an out-of-state seal to certify an engineering report [.0701(b)].

BOARD ACTION: Reprimand.

CASE NO. V2017-064

Jason R.C. Needham [PE No. 038222 – Revoked]
Eads, TN

VIOLATION: Pled guilty to a felony [G. S. 89C-21(a)(3)].

BOARD ACTION: Revoked Engineering Certificate of Licensure.

CASE NO. V2017-072

William A. Griswold, Jr. [PE No. 017512 – Suspended]
Matthews, NC

VIOLATION: Disciplined by another jurisdiction [G. S. 89C, .0701(h)] and failed to notify the Board of license discipline within 30 days [.0505(a)].

BOARD ACTION: Suspended Engineering Certificate of Licensure until the Board receives notice of suspension being lifted in New Mexico.

CASE NO. V2017-089

John D. Piho, PE [027284]
Birdsboro, PA

VIOLATION: Disciplined by another jurisdiction [G. S. 89C, .0701(h)]; submitted false information on renewal form [G. S. 89C-23, .0701(d)]; and failed to notify the Board of license discipline within 30 days [.0505(a)].

BOARD ACTION: Reprimand.

CASE NO. V2017-096

Rockie D. Troxler, PE [005968]
Elon College, NC

VIOLATION: Practiced or offered to practice engineering on an expired or inactive certificate of licensure [G. S. 89C-16, 23].

BOARD ACTION: Reprimand and \$500 civil penalty.



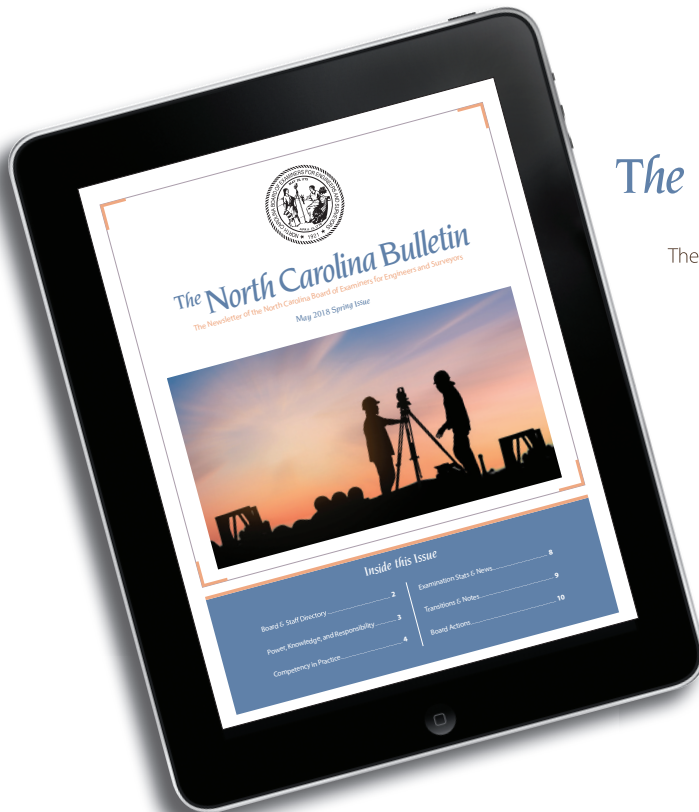
Notes





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