NEVADA STATE BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS

REGULAR BOARD MEETING
January 20, 2022
Las Vegas, NV

1. Meeting Call to Order

2. Pledge of Allegiance

3. Public Comment

4. Introductions

5. NRS/NAC 625 Waiver Request

WAIVER REQUEST
Thursday, January 20, 2022

APPLICANTS REQUESTING WAIVER OF NRS 625.183(4)(B)			
NAME	**DISCIPLINE**	**TO:**	**GRANT?**
1. Miguel Rodriguez	ME	Karen Purcell, PE	
NRS 625.183 (4) (b), "Two of the 4 years of active experience must have been completed by working under the direct supervision of a professional engineer who is licensed in the discipline in which the applicant is applying for licensure, unless that requirement is waived by the board."			

6. Non-Appearance Applications for Initial Licensure

NEVADA STATE BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS EDUCATION CREDIT GUIDELINES

DEGREE	YEARS CREDIT (MAX)	YEARS ACCEPTABLE EXPERIENCE REQUIRED
Undergraduate (BS): ABET/EAC accredited	4	4
Undergraduate (BS): ABET/ETAC accredited	4	4
Undergraduate (BS): ABET/CAC accredited	4	4
Undergraduate (BS): ABET/ANSAC accredited	4	4
Undergraduate (BS Engineering): ABET equivalent ie Washington Accord	4	4
Undergraduate (BS Engineering): Not ABET accredited	4	6
Undergraduate (BS Construction Management): ABET accredited	4	4
Undergraduate (BS Construction Management): Not ABET accredited	4	6
Undergraduate (BS Engineering): not ABET equivalent	2	8
Engineering Masters: US with non-accredited BS/MS	6	2
Engineering Masters & Doctorate: US with non-accredited BS/MS	6	2
ABET engineering degree in specific discipline – experience and/or exam in another discipline	4	4

*Special Consideration – deficiencies to be reviewed by the Board.

Civil

SETH BARTON (16-193-16)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/17/2021

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
5 years, 5 months

Total Engineering Experience
5 years, 5 months

Experience under licensed engineer
5 years, 5 months

Disciplinary Action
None reported

ABET EAC

FE EXAM

PE EXAM

4+

EDUCATION

Bachelors in Geological Engineering (EAC)
University of Nevada, Reno
August 2011–May 2016

EXAMS

Fundamentals of Engineering (FE)
Nevada
April 2016

Principles and Practice of Engineering (PE)
Civil
Nevada
October 2021

LICENSES

Additional Licenses
None

SETH BARTON (16-193-16)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Reno Tahoe Geo Associates
Nevada (United States)
Staff Professional
July 2016—March 2020

Verified by
Jonathan Warren Pease
jpease@rtgeo.com

Experience Summary
Full-Time
Engineering: 3 years, 8 months
Post EAC degree: 3 years, 8 months
Experience under licensed engineer: 3 years, 8 months

TASKS

I specialized in geotechnical and geological engineering, rock and soils mechanics. I drafted AutoCad civil plan sets and details. I managed projects and wrote various reports including geotechnical foundation and hydrology reports. I performed site explorations (soils and rock core logging), well installations and monitoring, and site remediation. I performed construction observation, inspections, and job site coordination. I also performed environmental compliance and geophysical surveying.

REPRESENTATIVE PROJECTS

Cascade Beach Project, Private Residence, Incline Village
July 2016-March 2020
I was part of a civil/geotech team that supported the development of a large scale private residence. In collaboration, I designed site civil improvements including site concrete improvements, site drainage, utility layouts, well systems, ground density improvement, environmental compliance, and miscellaneous construction details. Related products included reports, calculation packages, and civil plan sets designed using Civil 3D software. I also performed geotechnical explorations, construction observation, inspections, and jobsite coordination related to the designs.

Resort at Squaw Creek Retention Pond Rehabilitation, Olympic Valley
2017
The project consisted of assessing the condition the liner of the retention pond, used as a source for snowmaking at Squaw Valley Ski Resort, and recommending rehabilitation options. I conducted the field investigation using a sonic drill rig and oversaw the installation of monitoring wells. I collected seasonal groundwater data, then aided in the data analysis and the design of pond liner rehabilitation measures.

SETH BARTON (16-193-16)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Wood Rodgers
Nevada (United States)
Assistant Engineer
March 2020—December 2021

Verified by
Justin Michael McDougal
jmcdougal@woodrodgers.com

Experience Summary
Full-Time
Engineering: 1 year, 9 months
Post EAC degree: 1 year, 9 months
Experience under licensed engineer: 1 year, 9 months

TASKS

I specialize in geotechnical and geological engineering, rock and soils mechanics. I manage projects, perform soil analysis, and write geotechnical reports including recommendations for pavement sections, foundations, retaining walls, site drainage, slope stability, concrete, and asphalt. I perform site explorations (soils and rock core logging), percolation testing, and geophysical surveying. I also perform construction observation, field testing, and job site coordination.

REPRESENTATIVE PROJECTS

Town of Paradise, On-System Rehabilitation & System Safety, California
December 2020-July 2021
The project consisted of assessing the conditions of the roads damaged by fire recovery efforts and writing a pavement rehabilitation report. I completed permitting and planning, I conducted the roadway investigation involving drill and traffic control crews. In collaboration with several engineering firms, I helped write the accompanying technical report, and designed recommendations for pavement rehabilitation, site grading and drainage, and proposed pavement sections.

Daybreak Subdivision, Reno, Nevada
July 2020-December 2021
I collaborated with in-house civil and planning teams in the design of a large multi-phase subdivision. I planned and executed the field investigation involving geophysical surveys and test pits. I helped write the technical reports and designed recommendations for foundations, retaining walls, site drainage, slope stability, concrete, and asphalt.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Civil

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

SAMUEL BEERING (15-337-77)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/17/2021

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
5 years, 7 months

Total Engineering Experience
5 years, 7 months

Experience under licensed engineer
5 years, 7 months

Other Experience

Disciplinary Action
None reported

EDUCATION

Bachelors in Civil Engineering (EAC)
Santa Clara University
September 2011–June 2015

EXAMS

Fundamentals of Engineering (FE)
California
October 2014

Principles and Practice of Engineering (PE)
Civil
Nevada
October 2020

LICENSES

Additional Licenses
None

SAMUEL BEERING (15-337-77)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

U.S. Navy
Rhode Island (United States)
Military Officer
June 2015—May 2016

Verified by
Samuel Beering (Self)

Experience Summary
Full-Time
Other: (0%)
Experience under licensed surveyor:
None

TASKS

After graduating college, I attended Officer Candidate School in Newport, Rhode Island to commission into the U.S. Navy. After completion of this school, I then attended Civil Engineer Corps Officer School (CECOS) in Port Hueneme, California which provided initial technical training for the performance of duties as a Civil Engineer Corps Officer in the U.S. Navy. After the completion of CECOS, I reported to my first command at NSA Diego Garcia (submitted as separate work experience).

REPRESENTATIVE PROJECTS

N/A

SAMUEL BEERING (15-337-77)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

U.S. Navy (PWD Diego Garcia)
British Indian Ocean Territory (British Indian Ocean Territory)
Facility Support Contract Manager
May 2016—May 2017

Verified by
John Frank Casilio II
john.f.casilio2.mil@us.navy.mil

Experience Summary
Full-Time
Engineering: 1 year
Post EAC degree: 1 year
Experience under licensed engineer: 1 year

TASKS

Facility Support Contract Manager (entire employment) - I served as the branch head and technical lead; I programmed cradle-to-grave technical service requirements to include design and production of project and task order specifications. When requests were received I would conduct an engineering site investigation to determine the complexity and engineering discipline required. I performed site layouts and developed technical requirements for the project designs and made recommendations for design solutions. Additionally, once task orders and other contracts were awarded, I would serve as the on-site representative conducting field inspections to verify conformance to design drawings and would review field reports.

REPRESENTATIVE PROJECTS

Base Operating Support (BOS) Contract (May 2016 – May 2017)

The military installation was serviced primarily by a BOS Contract that provided a wide variety of services to include facility operation and maintenance, utilities and power provision, airfield and port operations support, etc. As the technical lead, I inspected the conformance of these services with contract and design documents/specifications. I also performed safety inspections to verify compliance with OSHA requirements and generated engineering cost estimates for change orders to the contract.

Repair Spalls at North Ramp (May 2016 – December 2016)

I was a technical representative for a project to repair spalls and other damage on an Airfield Parking Apron. I evaluated the condition of the concrete apron and designed the scope of work for the project using military Unified Facilities Criteria and relevant codes to include details regarding acceptable concrete mix design, joint sealant, and curing procedures. During the project I inspected the work to verify conformance with design documents.

Overhaul Powerplant Engines (May 2016 – May 2017)

This series of projects was to perform preventative and corrective maintenance to the military installation’s power plant. I reviewed the diagnostic reports and specified which components were to be replaced as well as generating cost estimates and performing economic analyses of lifecycle equipment maintenance costs.

SAMUEL BEERING (15-337-77)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

U.S. Navy (NMCB FOUR)
California (United States)
Assistant Company Commander
May 2017—November 2019

Verified by
Joseph W Charles
joseph.w.charles.mil@us.navy.mil

Experience Summary
Full-Time
Engineering: 2 years, 6 months
Post EAC degree: 2 years, 6 months
Experience under licensed engineer: 2 years, 6 months

TASKS

Tasks and Duties (Describe the tasks and duties for which you were responsible. If you have non-engineering and/or surveying responsibilities as part of this engagement, please indicate the percentage of engineering and/or surveying. 300 words max)

50% Engineering

Platoon Commander (May 2017 – June 2018) – As a platoon commander I commanded group of 30 Navy Construction Battalion personnel with civil engineering and horizontal construction specialties during pre-deployment training and during a six-month overseas deployment. I reviewed and monitored construction training qualifications for all personnel to ensure they were technically proficient for deployment and military engineering operations, such as wood framing, steel erection, and concrete construction. I also performed field inspections of horizontal construction projects during deployment to ensure conformance to design drawings.

Mission Engineer (July 2018 – July 2019) – As Mission Engineer for Pacific Partnership 2019, I performed a variety of functions from cradle-to-grave for expeditionary engineering projects in seven countries (Philippines, Vietnam, Malaysia, Thailand, Timor Leste, Marshall Islands, and Micronesia). I conducted initial field site visits to develop project scopes of work and to evaluate the local areas for availability of construction materials. I developed or reviewed bills of materials for each project. During construction, I conducted field inspections to confirm the construction was in conformance with design documents.

Assistant Company Commander (August 2019 – November 2019) – As Assistant Company Commander I commanded group of 80 Navy Construction Battalion personnel with vertical construction and facilities maintenance specialties during four-months of an overseas deployment. I performed field inspections of construction projects to ensure conformance to design drawings and reviewed reports and reviewed/developed technical RFIs. I also performed safety inspections to verify compliance with OSHA requirements.

REPRESENTATIVE PROJECTS

Hoa Phu Medical Clinic (July 2018 – July 2019)

This project was to construct a four room masonry structure with minor earthwork and mechanical/electrical/interior finishes to serve as a medical clinic expansion in rural Vietnam (located near the city of Tuy Hoa). This project is representative of projects of similar complexity completed during my time as Mission Engineer. As the Mission Engineer, I conducted the initial site visits to perform a feasibility study as well as to inspect and source local material providers to ensure the design was constructability with the locally available construction materials. I also performed design reviews and conducted quantity take-offs to develop a bill of materials for the project. Once construction began, I conducted field inspections to ensure the construction conformed to design drawings. I reviewed daily production and QC reports. I also performed safety inspections to verify compliance with OSHA requirements.

Camp Shields K-Spans (July 2019 – November 2019)

This project was to construct three K-span structures to support the storage and maintenance of U.S. Navy construction and transportation equipment. Each structure included mechanical ventilation, overhead doors, and electrical work. I served as project engineer for this project. My responsibilities included regular field inspections to ensure construction conformed to design drawings. I drafted and reviewed technical RFIs and proposed engineering solutions to address design discrepancies. I also reviewed and approved quantity estimates and cost estimates for concrete formwork and reinforcing steel as well as concrete

volumetric quantities for portions of the foundations. Due to the high water table at the sight, I regularly inspected the erosion and sediment controls and also developed engineering solutions to mitigate drainage challenges.

SAMUEL BEERING (15-337-77)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

U.S. Navy (MCB Quantico)
Virginia (United States)
Construction Engineer
November 2019—December 2021

Verified by
Justus Kevin OConnor
justus.k.oconnor.mil@us.navy.mil

Experience Summary
Full-Time
Engineering: 2 years, 1 month
Post EAC degree: 2 years, 1 month
Experience under licensed engineer: 2 years, 1 month

TASKS

Construction Engineer (entire employment) – I am serving as a construction engineer responsible for the execution of assigned construction and renovation projects at Marine Corps Base Quantico. My duties and responsibilities include: review of designs for constructability; review of technical submittals and technical RFIs; inspection of work to verify conformance with design documents; perform safety inspections to verify compliance with OSHA requirements; generate engineering cost estimates for change orders.

REPRESENTATIVE PROJECTS

P-021 Quantico Middle/High School Replacement (November 2019 – Present)

This project is the construction of a new 116,000 square foot school for both middle and high school students. During the time I was assigned to the project, the project was primarily completing structural steel and concrete activities as well as the start of MEP work. As the Government Construction Engineer, I inspected the conformance of the ongoing work with contract and design documents/specifications. I also performed safety inspections to verify compliance with OSHA requirements and generated engineering cost estimates for change orders to the contract. Throughout the project I also reviewed technical submittals that included shop drawings, product data, compliance certificates, product samples, etc. and reviewed and responded to RFIs.

Renovate Building 2007 (November 2019 – Present)

This project is the renovation of a 60,000 square foot building that is being converted from former Marine Corps barracks into office and administrative spaces. The project included a complete demolition of the interior and performed structural repairs, new HVAC, plumbing, electrical, and fire protection systems as well as exterior improvements to the storm drain system. As the Government Construction Engineer, I inspected the conformance of the ongoing work with contract and design documents/specifications. I also performed safety inspections to verify compliance with OSHA requirements and generated engineering cost estimates for change orders to the contract. Throughout the project I also reviewed technical submittals that included shop drawings, product data, compliance certificates, product samples, etc. and reviewed and responded to RFIs.

Replace Taxiway Charlie (November 2019 – March 2021)

This project was the design and replacement of a concrete taxiway at Marine Corps Air Facility Quantico. The existing taxiway had significant drainage and flatness issues that required replacement. As the Government Construction Engineer, I performed design reviews to ensure the submitted design was compliant with Federal and local codes. I also reviewed technical submittals that included concrete mix designs, curing compounds, and striping plans. I ensured the sampling of the aggregate from the quarry was completed in accordance with the applicable ASTM standard for both coarse and fine aggregate sources. I also performed field inspections to ensure the work was in conformance with the design documents.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Civil

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

ANDREW CLICK (18-461-40)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/20/2021

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
4 years

Total Engineering Experience
4 years

Experience under licensed engineer
4 years

Disciplinary Action
None reported

ABET EAC

FE EXAM

PE EXAM

EDUCATION

Bachelors in Mining Engineering (EAC)
University of Kentucky, Lexington
August 2013–August 2017

EXAMS

Fundamentals of Engineering (FE)
Kentucky
October 2017

Principles and Practice of Engineering (PE)
Civil
Nevada
October 2021

LICENSES

Additional Licenses
None

ANDREW CLICK (18-461-40)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Charah Solutions
Kentucky (United States)
Field Engineer Intern
June 2017—August 2017

Verified by
Eric Daniel Effinger
eeffinger@charah.com

Experience Summary
Part-Time
Engineering: 2 months (75%)
Experience under licensed engineer: 2 months

TASKS

I took as-built survey shots for a mechanically-stabilized retaining wall, tracked daily production, and sent out daily reports.

REPRESENTATIVE PROJECTS

Sebree Landfill Expansion - Field Engineer Intern (June 2017-August 2017); I took as-built survey shots for a landfill expansion, which included the construction of a 2,500 mechanically-stabilized retaining wall. I took shots of each lift, the location of the edge of geogrid, the edge of riprap baskets (gabions) and the top elevation of the gabions. I also tracked daily production in tons of material placed (based on wall construction progress in linear feet) and created a daily production report, and sent it to all pertinent project engineers and estimators.

WORK EXPERIENCE

Palmer Engineering Company
Kentucky (United States)
Project Engineer
January 2018—April 2020

Verified by
Christopher Michael Mischel
cmischel@palmernet.com

Experience Summary
Full-Time
Engineering: 2 years, 3 months
Post EAC degree: 2 years, 3 months
Experience under licensed engineer: 2 years, 3 months

TASKS

I created (in AutoCAD) civil site plans and basemaps for a wide variety of projects. I set up the plan sheets, created the references (existing conditions, proposed site layout [building footprint, sidewalks, parking areas], proposed utility layouts and connections, proposed storm and sewer layouts, connections, and capacities, proposed grading, and proposed landscaping), and annotated all plans. I ensured that each plan set was up to par with what the authority-having jurisdiction required.

To ensure compliance, I had to do a number of specific calculations, including required parking spaces, required ADA parking spaces, canopy cover (square footage), landscaping, quantity calculations (including traffic signal quantities, clear and grub area, square footage of pavement, tons of base course, striping, ADA ramps, etc.), water quality volumes, water quantity volumes, utility sizing calculations, slope calculations, and earthwork volumes.

I was often sent survey points from the in-house surveyor which I would then transform in AutoCAD to usable linework and triangulation surfaces. I would also use these points to annotate the construction documents with elevation info, such as pipe inverts.

I would assist the project managers with bid preparation documents by assembling the bid packet and including quantity calculations.

I occasionally would respond to and approve shop drawings sent to me by contractors. Examples include rip-rap specifications and manhole details.

I did a few field surveys to retrieve manhole inverts and stream bank elevations. I occasionally would visit the county clerk office to pull deeds and plats to assist with surveying info. I also would occasionally help and guide interns working on projects in our office. (5%)

REPRESENTATIVE PROJECTS

Codella Drive, Winchester, KY - Project Engineer, January 2018-May 2018; I traced a site plan for a confidential industrial project and made several revisions over a few months (and some name changes). The changes ranged from drive aisle width to building placement and utility connection feasibility.

CVG Conrac Signal Design--KY-236 (Donaldson Road) and KY-212 (Terminal Drive), Hebron, KY for CVG Airport - Project Engineer, January 2018-August 2018; I set up the project in our filing structure, designed the signal layout, calculated quantities, used KYTC calculation software, and coordinated with airport officials.

Go Time, Winchester, KY – Project Engineer, May 2018-July 2018; I created and annotated all construction documents – demolition, erosion control, site layout (including ADA sidewalks, ADA parking, and ADA accessible routes), utilities, grading, and landscaping. I also worked up the site survey and completed the necessary encroachment permits.

Hazard Steak ‘n Shake, Hazard, KY - Project Engineer, October 2018-February 2019; I processed survey data, created and annotated all construction documents, designed the site utility connections, and graded most of the site. This was the first project that I determined a building finished floor elevation.

Independence Bank, Frankfort, KY - Project Engineer, February 2018-December 2018; I created and annotated all construction documents, laid out all utilities and connections, maintained constant contact with local agencies on utility capacities, and calculated existing and proposed runoff volumes. These calculations determined whether a basin was needed or if the additional

runoff could be offset with pervious pavement in the parking areas.

Taylor County Airport, Campbellsville, KY – Project Engineer, May 2019-October 2019; I prepared civil engineering drawings for the demolition of the existing terminal building and construction of a new terminal building in its place, designed new parking areas adjacent to the new building, extended existing utilities to the building, and relocated utilizing existing services, assisted with coordination with the FAA on obtaining 7460 permit and with the State of Kentucky on obtaining Kentucky Airport Zoning Commission approval, and created bid quantities and attended bit meetings.

UPS Air Park Parking and Traffic Engineering Study, Standiford International Airport, Louisville, KY for UPS Air Region - Project Engineer, January 2019-July 2019; I analyzed existing and proposed traffic patterns that would be impacted by removing 3,000 parking spaces adjacent to the airport and installing 5,000 new parking spaces in empty lots across the interstate. I analyzed different parking lot designs as well as alternatives such as parking garages, communicated with other engineers with parking garage experience and analyzed similar sized projects in multiple states to determine the most cost-efficient layout, examined existing grades to determine the extent of the necessary proposed grading, and was in constant communication with several utilities that would be impacted by the installation of these massive parking lots. After much coordination, I had to create survey files based on property deed descriptions, draw the basemaps in AutoCAD, and create and annotate all necessary construction documents.

Graves Road Double-Diamond Crossover Traffic Signals, Crestwood, KY - Project Engineer, May 2019-April 2020; I laid out traffic signals for a unique and complex road configuration based on only one example project in Kentucky. I had to constantly communicate with the DOT on how they wanted the signals laid out, where the power was being connected, and exact quantities for every single line item. I analyzed the project for several different layout options including signal placement and type (span wire versus mast-arms).

Project Emerald, Moberly, MO - Project Engineer, November 2019-April 2020; I worked on this industrial food processing project from concept to permitting submittal. I drew conceptual site plans for several different building locations and project requirements, used AutoTurn to appropriately lay out site access roads and turnaround areas, drew in the drainage areas required for appropriate storm sewer sizing, designed a massive and complex sanitary sewer system for the building which had at least 8 POCs, designed a massive storm sewer system of at least 1,000 linear feet of storm sewer while maintaining appropriate slope, cover, and crossing depths, laid out erosion control measures, graded the parking lot and building access routes to be ADA compliant, and wrote parts of the SWPPP.

WORK EXPERIENCE

Kimley-Horn & Associates
Nevada (United States)
Civil Analyst
May 2020—December 2021

Verified by
Nicholas Eugene Lamek
nick.lamek@kimley-horn.com

Experience Summary
Full-Time
Engineering: 1 year, 7 months
Post EAC degree: 1 year, 7 months
Experience under licensed engineer: 1 year, 7 months

TASKS

I create (in AutoCAD) civil construction plans and basemaps for a wide variety of projects. I set up the plan sheets, create the references (existing conditions, proposed site layout [footprint, sidewalks, parking areas, fences, roads], proposed driveway connections, proposed storm pipes, proposed retaining walls, and proposed grading) and annotate all plans. I ensure that each plan set is up to par with what each authority-having-jurisdiction required. I also prepare SWPPPs and SPCCs for each project as required.

I do a number of specific calculations, including required parking spaces, required ADA parking spaces, quantity calculations (including clear and grub area, linear footage of fence, roads, and BMPs [silt fence, earth dikes, etc.], ADA ramps, culvert crossings, low water crossings, rock check dams, etc.), drainage areas, stormwater and sediment basin sizing, water quality volumes, water quantity volumes, slope calculations, solar racking system elevation tolerance calculations, retaining wall footing elevation calculations, and earthwork volumes.

I analyze existing and current drainage patterns, velocities, and depths to determine adequate erosion control is implemented, and that all electrical equipment is raised appropriately.

I quickly analyze, lay out, and grade large utility-scale solar sites for my client using a large variety of grading methods and tools (including AutoCAD Civil3D). I analyze the existing topography and make recommendations for racking systems to the client. I also analyze the provided properties and constraints to guide the electrical design of these sites.

I occasionally respond to and approve shop drawings sent to me by contractors. Examples include rip-rap specifications and culvert details.

I supervise interns as they work on our solar projects and write proposals on both solar and EV projects. (5%)

REPRESENTATIVE PROJECTS

Little Bear Solar, Fresno County, CA - Civil Analyst (July 2020-November 2021); I revised the layout for the O&M building, its septic system, and its waterline. I also completed record drawings for the PV area and the O&M building based on information sent by the field crew.

Muscle Shoals Solar, Colbert County, AL - Civil Analyst (May 2020-December 2021); I created miscellaneous exhibits, revised the O&M building plan, revised some PV area grading, and wrote the SPCC.

Elara Solar, Frio County, TX - Civil Analyst (May 2020-Present); I created site KMZs, set up and annotated plan sheets (including demolition and existing conditions, overall site plans, erosion control plans, grading plans, flood depth plans, and detail sheets), created miscellaneous exhibits, revised site roads and fences, and graded parts of the O&M building.

Eland Solar, Kern County, CA - Civil Analyst (May 2020-Present); I have worked on this project from proposal phase to full-design phase. My role has included laying out all roads and fences, revising the site layout to account for required perimeter roads (per Kern County Fire Department), grading the PV area, grading PV access roads, grading substation access roads, grading drainage ditches, grading driveways (with culverts), calculating required retention volumes, grading retention basins, creating site KMZs, writing the SWPPP, and preparing ADA accessible owner trailer plans.

Rocket Solar, Box Elder County, UT - Civil Analyst (October 2020-Present); I have worked on this project from proposal phase to full-design phase. I created the buildable area, laid out roads and fences for the PV area, created all base files, created and

annotated all plan sheets including demolition, erosion control, grading, and flood depth plans. I created several site KMZs, graded the PV area, roads, and driveway connections (including driveway culverts and diverted ditches). I laid out the site BMPs including earth dikes, silt fence, fiber rolls, and riprap slope protection. I created crossing exhibits, transformed linework in GIS software, and determined pile types based on flood and scour depths.

Mammoth North Solar, Starke County, IN - Civil Analyst (January 2021-Present); I have worked on this project from proposal phase to full-design phase. I have laid out roads and fences for the 4,500 acre site, changed the buildable area constantly for new constraints from the owner, and graded much of the site for panel racking tolerance and to keep roads and electrical equipment out of deep flood depths. I have set up and annotated several of the plan sheets for submittals, wrote parts of the SWPPP, laid out BMPs, graded inverters and driveway entrances to Indiana DOT requirements, sized culverts, created miscellaneous exhibits such as scour maps, met with the clients on project preferences such as road sections and delivery truck routes, and set up, scaled, and transformed the provided survey linework and boundary linework.

EVgo Charging Stations, Highland, CA - Project Manager & Analyst (October 2020-December 2020); I regraded a parking lot to be ADA compliant for the installation of eight EV charging stations. The site was very steep in existing conditions, and the regrading required the installation of a new retaining wall. I designed the site with the retaining wall per county standards, which included calculating top and bottom of wall and top of footing elevations. I recommended site layout changes to ensure ADA compliance and passenger safety. I was the project manager from the start, which included writing the proposal and coordinating with the client and authority-having jurisdiction.

EVgo Charging Stations, Houston, TX - Project Manager & Analyst (November 2021-December 2021); I assisted the client with stormwater permitting through the City of Houston. This included providing impervious area calculations and calculating stormwater detention volumes, a grading plan showing stormwater flow patterns and raised charging station concrete pads, and researching previously approved plans to ensure adequate detention volume.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Civil

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

SIYANG FU (17-805-52)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/24/2021

Citizenship
China

SUMMARY

Engineering Experience after EAC degree
2 years

Total Engineering Experience
2 years

Experience under licensed engineer
2 years

Disciplinary Action
None reported

ABET EAC

FE EXAM

PE EXAM

EDUCATION

Bachelors in Civil Engineering (EAC)
University of Illinois, Urbana Champaign
August 2013–May 2017

Masters in Civil Engineering
University of Illinois, Urbana Champaign
August 2017–December 2018

EXAMS

Fundamentals of Engineering (FE)
Illinois PE
November 2017

Principles and Practice of Engineering (PE)
Civil
Nevada
October 2021

LICENSES

Additional Licenses
None

WORK EXPERIENCE

Walker Consultants
Indiana (United States)
Design Engineer II
October 2019—January 2021

Verified by
Todd Lohman
TLohman@walkerconsultants.com

Experience Summary
Full-Time
Engineering: 1 year, 3 months
Post EAC degree: 1 year, 3 months
Experience under licensed engineer: 1 year, 3 months

TASKS

1. Design structural layout to maximize utilization of structural elements (slabs, beams, girders, columns, etc) while fulfilling aesthetic needs from Architects and avoiding conflicts with MEP designs.
2. Design prestressed/post-tensioned and mild beams/slabs using ADAPT-PTRC, ENERCALC, or Hand-calculation: Analyze loading condition to input accurate gravity loads. Confirm load combinations within different design codes. Review program results to finalize design and update beam schedule for project use.
3. Design reinforced concrete columns using ETABS (3-D modeling software).
4. Design foundation (spread footing, mat footing, drilled piers, etc): Using ADAPT-PTRC, SAFE, or Hand-calculation to conclude gravity design and find the best fit for the foundation system.
5. Create construction documents based on the completed design.
6. Build 3-D finite element model of garage and stair towers using ETABS based on structural layout previously developed: Apply gravity and lateral loads to simulate real site conditions to the building.
7. Design diaphragm corresponding to wind and seismic requirements.
8. Analyze finite element 3-D model and design lateral resisting system, which may include shear walls, moment frames, etc, to resist wind and seismic force.
9. Create construction documents based upon the completed design.
10. Perform condition assessments for parking garages to develop future repair plans and cost tables.
11. Identify concrete spalling, deterioration, shrinkage cracks, and potential damage to the reinforcing steel.
12. Estimate damage size and document location on structural drawings. Sum up total damage areas to create estimated cost tables.
13. Develop restoration/construction documents for contractor use to fix any deficiencies.
14. Document construction progress
15. Identify faulty work that differs from project specifications or construction documents.
16. Attend concrete placement to observe construction procedures, making sure project specifications are followed.
17. Coordinating with other disciplines (Architects, General Contractors, Sub-contractors) in design changes.
18. Replying to RFIs (Request for information) for contractors.

REPRESENTATIVE PROJECTS

UTMC Garage: Precast parking garage located in Tennessee (1000 spaces, 7 decks above grade)
I assisted the senior structural engineer in making a 3-D model in ETABS. I designed the grade beams that were laid out around the perimeter to resist overturning moments from the soil. I also designed shear walls within the building to resist lateral wind pressure. I was in the field to ensure proper structural steel layout in the grade beams.

Purple Garage: Post-tensioned parking garage located in Ohio (800 spaces, 9 decks above grade/2 decks below grade)
I assisted the senior structural engineer in designing the slab, beams, girders, and columns. I also used ETABS to make a 3-D model. I reviewed shop drawings from the contractor and gave comments to make sure all shop drawings are matching details in the structural package.

SIYANG FU (17-805-52)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Structural Systems & Solutions
Virginia (United States)
Structural Engineer
March 2021—December 2021

Verified by
Paul Andrew Letteri
paul@structuralss.com

Experience Summary
Full-Time
Engineering: 9 months
Post EAC degree: 9 months
Experience under licensed engineer: 9 months

TASKS

1. Coordinate architectural and structural drawings to produce cold-formed steel shop drawings in AutoCAD.
2. Model cold-formed steel structures in Visual Analysis to design steel clips and angles.
3. Respond to RFIs and the returned submittals to ensure all concerns are resolved.

REPRESENTATIVE PROJECTS

Amelia House, Compass Creek Building D, Chick-Fil-A Annandale, Restore Hyper Wellness+Cryotherapy
I am the main structural design engineer for the projects. Using Architectural drawings as bases, I marked up the locations of cold-formed steel studs and related openings if applicable. I used structural drawings to confirm steel connections, ensuring my design has proper connections to the main structure. I used CFS Designer and Visual Analysis to design studs and connections, making sure proper wind loads are accounted for.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Structural

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

ADDITIONAL INFORMATION

TIME GAPS

Start Date	End Date	Reason	Explanation
05/2012	07/2013	Unemployed	I graduated one year early. I took a year off to prepare for my SAT and TOEFL.
01/2019	09/2019	Unemployed	I was waiting for my OPT to be approved. It took longer than expected with no apparent reasons.

LEAH HOLLERAN (17-185-00)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/16/2021

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
2 years, 10 months

Total Engineering Experience
3 years, 2 months

Experience under licensed engineer
3 years, 2 months

Disciplinary Action
None reported

ABET EAC

FE EXAM

PE EXAM

EDUCATION

Bachelors in Architectural Engineering (EAC)
California Polytechnic State University, San Luis Obispo
September 2013–December 2018

Masters in Architectural Engineering
California Polytechnic State University, San Luis Obispo
September 2017–December 2018

EXAMS

Fundamentals of Engineering (FE)
California
October 2016

Principles and Practice of Engineering (PE)
Civil
Nevada
October 2020

LICENSES

Additional Licenses
None

WORK EXPERIENCE

John A. Martin & Associates of Nevada
Nevada (United States)
Structural Designer
August 2018—October 2021

Verified by
Steve William Schiller
sschiller@jamanv.com

Experience Summary
Full-Time
Engineering: 3 years, 2 months
Post EAC degree: 2 years, 10 months
Experience under licensed engineer: 3 years, 2 months

TASKS

My major branch of engineering is structural design for building structures in residential and hospitality mostly. My position in the company is described as a structural designer. In this position I have been tasked with below as part of the job description and throughout my time at the company (August 2018 to present) and have continued to do just as described:

- Perform analysis and design of structural elements and components
- Perform calculations for joint and connection design
- Collaborate with other design team members on the overall structural design
- Work with BIM staff to develop Construction Documents
- Assist the contractor during construction with interpretation of the documents and resolution of field issues
- Review routine shop drawings

REPRESENTATIVE PROJECTS

My experience with projects ranges from tenant improvements to new construction. I have worked on a few projects from the beginning design phase through to the construction completion. I have also done conceptual design for a few structures.

My first few projects I worked on after college were 3 tenant improvements for restaurants in which I took existing conditions and modified them for the new layout. For each of these projects I obtained the additional loading and checked the existing steel structures. One project was within the Park MGM in Las Vegas, NV and the other two were at the Palms Hotel and Casino. I designed and detailed secondary structure including hanging bars that supported bottle storage and TVs made out of unistrut systems or tube steel, façade supports and other miscellaneous items. For these construction phases I formed the responses to RFI (request for information) and in field questions with the help and supervision of the project manager.

During the tenant improvement projects I also started working on a full reconstruction of a Vertical Transportation for the Caesars Palace - Forum Meeting Center that goes from an existing concrete pedestrian bridge to the monorail platform and sits between the Harrah's and the Link parking garage. Within this project I was guided in the framing to start and from there I designed an ordinary concrete shear wall lateral system that served as the elevator shaft. Then I designed the steel beam and column structure using RISA around the elevator shaft that helped support the gravity system including the escalators, stairs, façade and platforms to connect the walkway and the monorail at each level. For the construction phase I reviewed several shop drawings for steel fabrication and erection, concrete testing and deferred submittals for elevators and escalators.

As the construction phase for the vertical transportation structure was going on, I also worked on a conceptual design for a rebuild on a parking garage for the Fremont Hotel and Casino that did not make it past the design phase. It was a post tensioned concrete garage using ordinary reinforced shear walls in the longitudinal direction and intermediate reinforced concrete moment frames in the transverse direction. I worked on the design of the gravity/lateral beams, walls, columns, slabs, foundations, and connections. I used ETABS for lateral and ADAPT-PT/RC along with other programs to design the items listed above. The top level of the garage was a pool/recreation area that required lots of coordination meetings that I attended with other disciplines such as architects, mechanical and plumbing.

After I gained experience designing with concrete I moved onto a new build concrete garage/hotel tower. The structure is broken up into a garage for the first five levels, two community levels, a transfer level, and then 12 levels of hotel with a pool deck and high roof at the top. The gravity structure is a flat post tension slab system. The elevator shafts and stairwell serve as the building frame system with ordinary concrete shear walls. This project is still in progress and from the start I have done a finite element model for the lateral system in ETABS which is also where I designed the shear walls. I have also designed gravity items such as the beams, slabs, transfer girders, and columns using numerous programs or by coed referenced calculations. The structure sits

on a mat foundation that I designed using SAFE and has been released for permit in a multi-stagged permit where the tower structure is separate from the foundation permit. I have coordinated with the geotechnical engineer to understand how the structure will be affected by the site conditions.

Lastly, I have also more recently been involved in some timber residence for the construction phases. I took over helping the architect and contractor with questions after the permitting process. Since I have designed framing, wood connections and sorted through many solutions to in field issues with the guidance of the project manager.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Structural

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

ROHIT KRISHNAKUMAR (17-767-74)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/13/2021

Citizenship
India

SUMMARY

Engineering Experience after EAC degree

Total Engineering Experience
4 years, 7 months

Experience under licensed engineer
3 years, 7 months

Disciplinary Action
None reported

FE EXAM

PE EXAM

4+

EDUCATION

Bachelors in Civil Engineering
University of Kerala
July 2010–April 2014

Masters in Civil Engineering
SUNY, State University of New York, University at Buffalo
August 2016–February 2018

EXAMS

Fundamentals of Engineering (FE)
California
August 2017

Principles and Practice of Engineering (PE)
Civil
Nevada
October 2021

LICENSES

Additional Licenses
None

WORK EXPERIENCE

Gulf Contracting Company
Doha (Ad Dawḥah) (Qatar)
Graduate Engineer Trainee
October 2014—October 2015

Verified by
Nageswaran Rajiv Shanker
rajiv.shanker@spacemaker.me

Experience Summary
Full-Time
Engineering: 1 year
Experience under licensed engineer: None

TASKS

* Responsible for day to day execution of works – daily planning and progress report preparation, followed up by weekly and monthly meetings with all relevant stakeholders.
* Responsible for collaborating with the design team on design of light gauge steel frames, steel structural columns and beams.
* Designed and executed reinforced concrete foundations for the structures.
* Performed quantity take offs and material requisitions.
* I ensured quality compliance through inspections with QA/QC department.
* Reviewed of and maintained drawings and technical documents to ensure compliance with code and contract.
* I implemented the HSE management plan ensuring zero LTI.
* I prepared on site short term plans and reports for execution of work on a day to day basis.
* Reviewed MEP drawings and supervised all activities including execution, testing and commissioning.
* Supervised the fixing and then inspected the survey coordinates for foundation.
* Supervised Fire Proofing and insulation instalment.

REPRESENTATIVE PROJECTS

* Graduate training program involving getting familiar with every dept. of the company - Design, planning, safety, fabrication & production, QA/QC. (Oct-Dec 2014)
* Management Training program in the Estimation and Contracts division of the company familiarizing with project documentation and estimation procedures. (Dec 2014)

* Qatar University Administrative Building (Jan-Feb 2015) - Light Gauge steel structure on reinforced concrete foundations (according to ASTM and ACI standards respectively) including interior furnishing, car park asphalt paving, site drainage and MEP works.
- As a Graduate Trainee Engineer I was responsible primarily for assisting in construction execution of light gauge steel structure, supervision of parking lot asphalt paving, MEP coordination, testing and commissioning, interior finishing's and closing out the snag report.

* Early Work Package for Lusail Stadium for FIFA World Cup 2022, (March - June 2015) - Double storied Office Building - Light gauge steel structure with structural steel framework on reinforced concrete foundations (according to ASTM and ACI standards respectively) including interior furnishing, site preparation and MEP works.
- As Site Engineer I was responsible for execution and coordination of Site preparation and foundation installation, structural execution, interior finishing, MEP coordination, testing and commissioning.
- I coordinated with the design department on foundation and structural design.

* Contracts Package NPP 56 - Hamad Port Project - Customs Building (July - Oct 2015)
- Structural design and execution of light gauge steel structures on reinforced concrete foundation (according to ASTM and ACI standards respectively), interior finishing, MEP coordination, testing and commissioning.
- As Site Engineer I was responsible for execution of daily site works, planning and resource allocation.
- I coordinated with the Safety department to implement the HSA Management plan to ensure 0 LTI.
- I coordinated with the QA/QC department to raise RFI's and coordinate testing to ensure compliance with local design codes and ASTM/ACI codes.

WORK EXPERIENCE

SJB Services Inc.
New York (United States)
Construction Inspector
May 2018—April 2019

Verified by
Wanda Marie Allen
wallen@sjbempire.net

Experience Summary
Full-Time
Engineering: 11 months
Experience under licensed engineer: 11 months

TASKS

Tasked with various construction inspections :
* Foundation inspections - Piles, proof-rolling, caissons etc.
* Testing from in house lab at Hamburg Office.
* Perform construction inspections on concrete, masonry, soils. fireproofing, firestopping, rebar, soil compaction etc.
* Prepare test reports based on inspections and lab testing.

REPRESENTATIVE PROJECTS

Nature of work included construction inspection and lab testing on a variety of projects on a daily basis. Some of the key projects handled are as listed below:
* 1091 Main St, Buffalo, NY - Under guidance of Ms. Wanda Allen performed inspection of steel pipe pile foundation installation for a multi use facility. Detailed reports for each installed pile was prepared. A total of over 90 piles were installed.
* School districts in WNY - Performed inspections on proof rolling and soil compaction for roads inside schools as well as for storm sewer lines and sidewalks.
* Athenex Manufacturing Facility, Dunkirk, NY - Over a period of 9 months conducted inspections on
- concrete testing for pile caps, wall foundations, walls, floor slabs, generator pads etc.
- soil compaction - for subbase below foundations, floor slabs, storm sewer lines and utilities.
- pressure testing on water lines, sewer lines and other manufacturing lines.
- inspection and testing of mortar for masonry.
- fireproofing and firestopping tests on built up partition walls and steel columns/beams.
-rebar inspection for all poured concrete at the project.
* Labortary testing for various projects:
- compressive strength test of concrete - 6"x12" cylinder breaks.
- geotechnical test on site soils and fills - proctors, atterberg limits tests, hydrometer tests, sieve tests etc.
*Drilling for soil cores with preparation of bore log.
Prepared detailed test reports for every single inspection done.

ROHIT KRISHNAKUMAR (17-767-74)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Shrewsberry & Associates LLC
Indiana (United States)
Transportation Project Engineer
April 2019—December 2021

Verified by
Shawn Will
swill@shrewsusa.com

Experience Summary
Full-Time
Engineering: 2 years, 8 months
Experience under licensed engineer: 2 years, 8 months

TASKS

*Design a variety of highway projects including, but not limited to: roadway reconstruction and overlay, bridge approaches, storm sewers, sidewalk ramps, guardrail, pavement marking and signing, and asset management projects.
*Create engineering documents including Typical Section Packages, Pavement Design Reports, and Variation/Exception Reports.
* Confer with contractors, utility companies, or government agencies to discuss plans, specifications, or work schedules.
* Contribute to the preparation or modification of reports, plans and designs for projects.
* Assists in the preparation of project quantity and cost estimates.
* Develops plans, specifications, and inspection reports as needed
* Help to resolve design problems that may include performing field investigation or inspections, detailed design work, and detailed checking of design computations done by others, or general coordination of specific design aspects into a project.
* Calculate quantity estimates
* Design of ADA Pedestrian Facilities according to ADA, INDOT design criteria including preparation of INDOT Technical Inquiry Report for Review and Approval.
* Certified Utility Coordinator responsible for handling all stages of UC with all utilities included and liaising with the client.
* Hydraulic Calculations for small structure projects responsible for drainage area delineation, design/redesign and retrofit of structures with liners to increase hydraulic capacity.

REPRESENTATIVE PROJECTS

* Worked on ADA curb Ramp Design for INDOT projects all over Indiana like SR 66 in Tell City, IN (Dec 2019 - Nov 2021), SR 62 in Dale, IN (Dec 2019 - Nov 2021) , SR 32 in Winchester, IN (Nov 2020 - Oct 2021)
* Small structure rehabilitation project on SR 64 in IN (June 2019 - Oct 2021).
* Various MOT design for 3R projects on bridge rehabilitation as a consultant/sub consultant like Llyod expressway corridor project, Evansville, IN, Vincennes On-Call Project (June 2020 - Present) , INDOT Vincennes Dist., Indy DPW, Indianapolis, IN (Aug 2019 - Dec 2019)
* Prepared Engineering assessment reports for small structures on State/County Routes
* Certified Utility Coordinator handling multiple projects as lead consultant as well as sub consultant (Multiple INDOT projects ongoing).
* INDOT certified construction inspector - Bridge Rehabilitation on SR 145 in Perry County, IN (Apr 2021 - Aug 2021)
* Prepared quantity takeoffs and other contract documents for INDOT projects.
* US 30 small structure replacement - hydraulic analysis and calculations (Nov 2020 - Present).
* Roadway Resurface Plans And Calculations :-
- For City of Lawrence IN (June - July 2020)
- For SR 19, Etna Green to Mentone, IN (June 2019 - Sept 2020)
- For Town of Avon (2019-2020)
- For SR 28, Tipton County, IN (March 2021 - Present)

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Civil

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

ADDITIONAL INFORMATION

TIME GAPS

Start Date	End Date	Reason	Explanation
11/2015	07/2016	Unemployed	Prepared and took GRE/TOEFL Exams, followed by applying for MS. Took a few months after securing admission to travel.

SABA NIKKHAH MANESH (20-554-07)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/09/2021

Citizenship
Iran

SUMMARY

Engineering Experience after EAC degree

Total Engineering Experience
2 years, 7 months

Experience under licensed engineer
2 years, 7 months

Disciplinary Action
None reported

FE EXAM

PE EXAM

NCEES EDU

EDUCATION

Meets NCEES Engineering Education Standard

Bachelors in Civil Engineering - Marine Structures
Power & Water University of Technology
September 2008–September 2012

Masters in Civil Engineering- Engineering and Construction Management
Amirkabir University of Technology
September 2012–October 2014

Doctorate in Civil and Environmental Engineering
University of Nevada, Las Vegas
August 2017–August 2020

EXAMS

Fundamentals of Engineering (FE)
Nevada
March 2021

Principles and Practice of Engineering (PE)
Civil
Nevada
October 2021

LICENSES

Additional Licenses
None

SABA NIKKHAH MANESH (20-554-07)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Horrocks Engineers
Nevada (United States)
construction manager
May 2019—December 2021

Verified by
Morris Lee Jacoby
leej@horrocks.com

Experience Summary
Full-Time
Engineering: 2 years, 7 months
Experience under licensed engineer: 2 years, 7 months

TASKS

Field Engineering: I performed construction inspections according to NDOT and Municipal Agency specifications. I did storm Water Pollution Prevention Plan inspections. I reviewed quantities for pay estimates. I maintained the submittals and tracking of documentation, and submittal of test specimens for compliance testing.

Structural Engineering: I performed quantity calculation for structures, quality control of structural plans including roadway, structures, utilities, traffic, and drainage structures.

Construction Engineering and Management: I performed submittal reviews, schedule review, Request For Information review and tracking, evaluating survey requests, review and approval or rejection of certified payroll reports with prevailing wage requirements, reviewing contract documents and design changes, and document control.

REPRESENTATIVE PROJECTS

- May 2019 – June 2020: US-95 Relocation at Goldfield, Goldfield, NV
Role: Senior Field Engineer
This project realigned approximately 2.5 miles of US Highway 95, a half-mile north of Goldfield, NV. The schedule required an accelerated design, procurement, and construction timeline using innovative techniques.
I was involved in various aspects of the project. I performed the inspection for the roadway construction from start to end of the project according to NDOT specifications. I analyzed the schedule updates and recommended solutions to ensure the project was completed within the original schedule. I performed soil compaction and density tests and analyzed the results. I performed inspections to ensure compliance with the stormwater pollution prevention plan (SWPPP), which included dust control, sediment, and erosion control, track out control, chemical and fuel storage.

- March 2020 - Present: Reno Spaghetti Bowl Express, Reno, NV
Role: Transportation-Structure Engineer-in-Training & Quality Control Management
This Design-Build project includes the reconstruction of sections of I-580. Work involves the widening and reconstruction of I-580 southbound lanes and bridges.
I performed the complete quantity calculations for multiple bridge structures. These calculations included structure excavations, granular backfill, concrete for the superstructure, and structural steel. I performed quality assurance of all plans, reports, and calculations for the various disciplines on this design-build project, including roadway, structures, utilities, traffic, drainage, and aesthetics/landscaping. I also designed the footing for bridge abutments according to standard drawings.

January 2021-Present (expected finish date: March 2022): Arizona Street Feeder, Boulder City, NV
Role: Construction manager
This project consists of electrical infrastructure improvements and the reconstruction of sidewalks to accommodate American Disability Act (ADA) standards.
I reviewed shop drawings and submittals, reviewed and answered Requests for Information (RFIs), reviewed and created construction change orders, performed problem-solving for unforeseen project challenges such as finding unspecified underground utilities within the project limits, performed safety inspections to verify compliance with OSHA requirements such as shoring for trench excavation and appropriate PPE to work on electric substation yard, implemented project meetings with the City of Boulder City and the contractor, analyzed the project schedule, reviewed the monthly pay applications and implemented solutions to ensure the project is within the budget and schedule.

July 2021-Present (expected finish date: November 2022)-Las Vegas Boulevard Phase B, I-215 to Mandalay Bay
Role: Office Technical Manager
This project consists of several improvements including new pavement, sanitary sewer line replacement, water mainline

replacement, intersection modifications for improved pedestrian crossing, technology upgrades to traffic signal systems, and lighting with smart poles.
I reviewed project material submittals, reviewed project schedules and optimized the construction schedule, reviewed potholing datasheets, RFI tracking, reviewed survey requests and survey field notes, generating meeting agendas and meeting minutes.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Civil

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

ADDITIONAL INFORMATION

TIME GAPS

Start Date	End Date	Reason	Explanation
11/2014	07/2017	Unemployed	Preparing for TOEFL and GRE exams. Working on few journal and conference papers to get full funding for PhD study. Dealing with some family issues later that made me travel for almost a year to Europe and Canada. Getting US visa that was time taking.

CASEY PELOQUIN (16-428-39)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/06/2021

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
3 years, 9 months

Total Engineering Experience
3 years, 9 months

Experience under licensed engineer
3 years, 9 months

Disciplinary Action
None reported

ABET EAC

FE EXAM

PE EXAM

EDUCATION

Bachelors in Civil Engineering (EAC)
US Air Force Academy
August 2012–June 2016

Masters in Civil Engineering
Virginia Polytechnic Institute and State University
August 2019–December 2020

EXAMS

Fundamentals of Engineering (FE)
Colorado
April 2016

Principles and Practice of Engineering (PE)
Civil
Nevada
October 2021

LICENSES

Additional Licenses
None

CASEY PELOQUIN (16-428-39)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

United States Air Force
Gwangju (South Korea)
Base Civil Engineer
June 2018—August 2018

Verified by
Douglas Scott Kelley
kelleyds@gmail.com

Experience Summary
Full-Time
Engineering: 1 month (50%)
Post EAC degree: 1 month (50%)
Experience under licensed engineer: None

TASKS

This position served as a part-time duty as I deployed to the Republic of South Korea from June to August 2018 and my focus was civil engineering, specifically on infrastructure maintenance and overseeing the Base Operations Support (BOS) contract; where I conducted contract performance evaluations at Gwangju Air Base, RoK. As the Base Civil Engineer, I led a flight of 10 military members that oversaw the $9.8M contingency construction program, and developed 23 construction projects to be executed through any of 5 executive agencies. My duties included overseeing, delegating, and coordinating contract requirements with host-nation contract personnel, providing project schedule updates to senior leadership, approving user requests while determining funding sources, defining and executing priorities, validating construction package documents, and resolving miscellaneous project-specific issues.

REPRESENTATIVE PROJECTS

Prior to arrival in June 2018, the United States Air Force tasked Pacific Air Force Civil Engineers with the evaluation of U.S. facilities located on the Korean Peninsula. The primary asset for the Air Force is considered to be the aircraft, which as a civil engineer made my priority to evaluate all the airfields. As the civil engineer lead, I evaluated 4 separate airfields to include the individual airfield's parking aprons, taxiways, and aircraft shelters. Specifically, I determined 34 hardened aircraft structures (HASs) to be in need of repair or complete new construction due to failed electrical systems, lack of proper fire suppression systems, and lack of necessary wing-tip clearance for 5th generation aircraft such as the F-22 Raptor by Lockheed Martin. I also analyzed 50K square feet of concrete pavement for structural damage such as cracking and bearing capacity failure from poor base coarse material, and provided recommendations for necessary maintenance. As a result of my overall evaluation, I drafted preliminary plans to construction new HASs to include site layout, rerouting electrical systems, and full pavement design. These plans required me to assess existing geotechnical site conditions to ensure proper drainage, while analyzing the Unified Facilities Criteria to ensure adequate layout for various aircraft types. Based on the static loading of the aircraft and poor subgrade material in the area, I determined the required thickness of the reinforced-concrete to be 13 inches to withstand both the aircraft and structure itself. This project involved working with the host-nation and off-base community to acquire materials while ensuring minimal disturbance to daily operations.

In addition to my roles as a project manager and inspector, I was able to expand my expeditionary engineering skills required to provide sound engineering judgement while maintaining operations in an austere environment. As preparation for the second largest flying exercise with the Republic of Korea, I developed a bed-down plan located at Gwangju Air Base, RoK, capable of housing 2,000 personnel. From January to March 2018, I analyzed existing property and utility maps to develop a bed-down that utilized both standard military tents as well as existing infrastructure at Gwangju Air Base. This plan included proper tent spacing to meet fire safety requirements, while maintain close enough proximity for generator power and electrical distribution to power the tents environmental control units and internal lighting systems. Throughout design, I remained mindful of potential environmental impacts to the surrounding area such as noise pollution and potential runoff, and determined various mitigation protocols to minimize impact.

CASEY PELOQUIN (16-428-39)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

United States Air Force
Alaska (United States)
Deputy, Installation Management Flight
August 2016—July 2019

Verified by
Scott Byron Matthews
smatthews70@yahoo.com

Experience Summary
Full-Time
Engineering: 2 years, 11 months
Post EAC degree: 2 years, 11 months
Experience under licensed engineer: 2 years, 11 months

TASKS

This duty station served as my first position as an Air Force Civil Engineer Officer, where my focus was civil engineering in the construction management section of the Joint Base Elmendorf-Richardson Engineering office located in Anchorage, Alaska. As a project manager and inspector, I was personally responsible for developing the initial scope, cost estimates for maintenance, repair, and new construction projects, and ensure quality-assurance in order to sustain the entire base, covering 79,000 acres and including 2,400 facilities as well as 4.8M square foot airfield located within the base. It was my job as an inspector and project manager to coordinate with users the required scope, develop cost estimates, and perform detailed engineering analysis to ensure the timeliness and appropriate execution of a $100M, 5 year construction contract that sustained base infrastructure and guaranteed the completion of the Air Force's mission to support and defend the United States' interests across the Pacific at Joint Base Elmendorf-Richardson.

REPRESENTATIVE PROJECTS

In 2016, Joint Base Elmendorf-Richardson underwent the task of relocating aircraft across the airfield to hangar spaces that would optimize the capacity and overall efficiency of the airfield. The main aircraft needing to be moved was the E-3 Airborne Warning and Control System (AWACS) aircraft, which is known for its identifiable radar dome located on the upper portion of the fuselage. As a project manager responsible for this relocation, my job included discussions with project partners to establish scope of work, and then take that scope to determine feasible options for suitable hangar space. The relocation project required 6 separate projects to achieve the overall scope of the user. From December 2016 to April 2017, I developed the project to include hangar door replacement, office space renovation, addition of a sensitive compartmented information facility (SCIF) and overall infrastructure upgrades to include HVAC and electrical system. The uniqueness of the aircraft required me to analyze the existing floorplan of the hangar, and determine locations for the proposed office space and SCIF that would optimize the building space while meeting the requirements of the user. By authenticating the user's requirements in the Unified Facilities Criteria and Department of Defense design manual, I drafted preliminary interior floorplans that included adequate space for the user's personnel. In addition, I performed a detailed analysis partnered with the base fire department to ensure the existing fire suppression system was up to code with the NFPA 101 guidelines. I compiled all information gathered into a project portfolio used to compose the parametric cost estimate and design documents required to ready the project for bidding amongst locally sourced contractors.

From July to October in 2017, I was the primary inspector for a construction project to remove 4.2M cubic yards of soil material located at the northern end of the 7,500 foot North-South runway. Per the Unified Facilities Criteria 03-260-01, the glide slope is 50:1 for landing aircraft and after analyzing survey data I determined the current glide slope was closer to 26:1. The existing approach pattern did not meet the minimum requirements for the F-22 Raptor aircraft, and the Air Force had been found to be in violation for nearly 10 years. As inspector, I performed an initial quantity-removal estimate and determined potential dump sites based on volumetric and area calculations from existing topographical data. I was responsible for developing the cut-fill map required to meet the minimum glide slope, where I surveyed the site to obtain survey data leading to the 4.2M cubic yard estimate; which included a swell factor based on the material being mostly a glacial till soil. This estimate allowed for a more accurate cost estimate based on the contractor's availability and resources such as manpower and equipment located on-site. I developed 5 AutoCAD visuals to provide to contractors, highlighting the cut-fill volumetric requirements across the construction site paired with geometrical coordinates and a grid system. I further developed a transportation route to minimize haul time as material was disposed. The project served as a platform to pave way for future runway expansion to create a full 10,000 foot runway.

CASEY PELOQUIN (16-428-39)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

United States Air Force
Colorado (United States)
Instructor
January 2021—November 2021

Verified by
Melissa Stewart Beauregard
melissa.s.beauregard@gmail.com

Experience Summary
Full-Time
Engineering: 10 months
Post EAC degree: 10 months
Experience under licensed engineer: 10 months

TASKS

I am currently serving as an instructor at the United States Air Force Academy, where I am part of the Department of Civil and Environmental Engineering; which is an ABET accredited program. The course that I instruct is "Introduction to Geotechnical Engineering" to undergraduate level students (Juniors and Seniors). The teaching aspect of my current job required 75% of my time.

The research program that I oversee focuses on physical modeling to determine stability of earth retaining structures and theoretical pavement design. I teach the students design procedures necessary for constructing a MSE wall and oversee initial field site investigations necessary for a full-depth pavement design. The research aspect of my current job takes 25% of my time.

REPRESENTATIVE PROJECTS

Introduction to Geotechnical Engineering is a required major's course for students to obtain a civil engineering degree. In this course, the focus is facilitating and promoting the solution of engineering problems through application of the principles of soil mechanics. Students conduct laboratory tests throughout the semester to gain an understanding of critical engineering properties of soil required for design. These laboratory activities feed into the culminating Final Group Lab Report, where students take their raw data and express the importance of each test when it comes to design and assessing the properties of the soil. These tests include sieve analysis, Cassagrande Cup, Proctor Tests (Modified/Standard), Falling Head Permeability Tests, and Unconfined Compression Tests. As the instructor, I perform all tests prior to the students, and perform calculations on the students' results to ensure proper data rendering.

In addition to my primary role as an instructor, I am leading research one-on-one with students. The first aspect of my research is physical modeling of the stability for Mechanically Stabilized Earth Retaining Walls. I oversee the design aspect of the retaining wall to ensure it meets the given parameters and will remain stable under the given loading conditions. The loading condition includes an eccentric rectangular surcharge in combination with an induced moment, where we later assessed the effects of the loading on the utilized geotextile material. The second research project that I am leading involves full-depth design of an asphalt parking lot. I conducted a geotechnical site investigation of the proposed construction site with my student, and oversee the laboratory testing to obtain the engineering properties of the in-situ soil. These critical properties were then used to create the pavement design thickness, to include a base course and subbase material, which will serve as the foundation for a future project to construct the student's parking lot.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Civil

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

STEVEN SHELDRUP (14-285-72)

All work experience reviewed by two licensed professionals

1598 Pries Ct
Reno, NV 89523

DISCIPLINE: CIVIL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/21/2021

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
4 years, 8 months

Total Engineering Experience
4 years, 8 months

Experience under licensed engineer
4 years, 8 months

Other Experience
1 year, 2 months

Disciplinary Action
None reported

ABET EAC · FE EXAM · PE EXAM · 4+

EDUCATION

Bachelors in Structural Engineering (EAC)
University of California, San Diego
September 2007–June 2013

EXAMS

Fundamentals of Engineering (FE)
California
April 2013

Principles and Practice of Engineering (PE)
Civil
Nevada
October 2021

LICENSES

Additional Licenses
None

STEVEN SHELDRUP (14-285-72)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

UCSD Bookstore
California (United States)
Delivery Driver
July 2013—August 2013

Verified by
Steven Sheldrup (Self)

Experience Summary
Part-Time
Other: (0%)
Experience under licensed surveyor: None

TASKS

Driver orders to campus departments

REPRESENTATIVE PROJECTS

I delivered a $100,000 server once, how stressful. Made it my first stop and was very gentle

STEVEN SHELDRUP (14-285-72)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

MCM Construction, Inc.
California (United States)
Project Engineer
August 2013—November 2013

Verified by
Steven Sheldrup (Self)

Experience Summary
Full-Time
Engineering: (0%)
Experience under licensed engineer: None

TASKS

Perform surveying tasks and earthwork calculations for the removal of the existing Schuyler Heim bridge in the port of Long Beach and install of the new bridge.

REPRESENTATIVE PROJECTS

I was asked to calculate the volume of soil for an abutment at one end of the structure based on the information in the plans, then assist with the excavation project with a laser level to confirm the depth of the footing

STEVEN SHELDRUP (14-285-72)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Zachary Engineering
Nevada (United States)
Entry level designer
February 2014—June 2014

Verified by
Steven Sheldrup (Self)

Experience Summary
Full-Time
Engineering: (0%)
Experience under licensed engineer: None

TASKS

I assembled structural design packages for custom residential structures in the Lake Tahoe Region. I followed California Building Codes as specified by regional requirements. I perform vertical calculations for beams, headers, roof joists, floor joists and foundations. I performed some lateral calculations for these structures as well. I mostly designed with timber and sometimes steel. I also drafted my projects, primarily with SketchUp.

REPRESENTATIVE PROJECTS

I don't exactly have records available to me of the specific projects I worked on for David Zachary since I have not worked for him for several years. I was involved with his company from February of 2014 to June of 2014, and that can be verified. I drafted several projects during my time there and performed structural design calculations for one project. I attempted to ask David for guidance on several occasions, but he did not have the time to give me the training I needed and told me so. I worked there for a very short amount of time, and I learned a lot about project specific detailing that needs to be done very carefully. I had just finished my first project when my position was terminated for the summer and J was never asked to return in the Fall as planned.

WORK EXPERIENCE

K2 Engineering, LLC
Nevada (United States)
Structural project engineer
March 2015—December 2017

Verified by
Brandt Thomas Kennedy
Brandt@k2eng.net

Experience Summary
Full-Time
Engineering: 2 years, 9 months
Post EAC degree: 2 years, 9 months
Experience under licensed engineer: 2 years, 9 months

TASKS

I designed residential structures, small commercial structures, additions, accessory structures, and tenant improvements while working under Brandt Kennedy's and Jared Krupa's supervision. I was in the middle of a fast-paced working environment that produces 400+ projects every year. I was hired to be a drafter, then Jared and Brandt started training me to design vertical members with a given loading from the main designer. Once I mastered vertical, I was trained to assemble my own design calculation values and design the lateral resisting system for seismic and wind. My first 6 months were primarily drafting and calculating vertical members. The remaining 2 year and 4 months, I designed the full structure and drafted my own structural details. I was also asked to perform drill and epoxy inspections, FHA inspection for pre manufactured buildings, and structural observations when the structures exceed the regional limits for square footage.

REPRESENTATIVE PROJECTS

Originally, I was tasked with drafting the structural sheets from the designers. I was told this was because I need to learn how the structures get assembled. I believe this part of my training was critical, and I can visualize the assembly of the structures now based on the drawings.

I honestly worked on hundreds of projects during my time at K2 Engineering. Listing them off would exceed the maximum word count of this text box.

Peña Residence (custom timber structure)
5565 Wedekind Rd
Sparks, NV 89431
I perform the full structural design under the supervision of my project manager (Russell Wallace) from 03/14/2016 to 06/10/2016 when we submitted final plan check revisions.
I designed timber beams, shear walls, foundations and drafted the structural details for Russell to review and correct or approve, red lining structural sheets for the drafter to make the proper adjustments.

KDH Somersett Plans 2037, 2060, 2132, 2467, and 2655
Plan 2037A
2010 Back Nine Trail
Reno, NV 89523
Plan 2037B
2006 Back Nine Trail
Reno, NV 89523
Plan 2060A
8643 Gypsy Hill Trail
Reno, NV 89523
Plan 2132A
8651 Gypsy Hill Trail
Reno, NV 89523
Plan 2467
2054 Back Nine Trail
Reno, NV 89523
Plan 2655C
8860 Golfwood Court
Reno, NV 89523

I believe there are several other lots involved with this project. I was handed 5 layouts at once and asked to perform the structural design for each structure for the worst case seismic and snow load amongst the lots to make time more efficient. I designed all five layouts from 09/8/2016 to 09/22/2016 which were used for 9 different lots total

I have more records from 13 other projects in my files with start dates, but I lack the addresses.

STEVEN SHELDRUP (14-285-72)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Pulido and Sons Construction
Nevada (United States)
Project Engineer and Laborer
April 2018—October 2018

Verified by
Francisco Pulido
Francisco@pscnevada.com

Experience Summary
Full-Time
Other: 6 months
Experience under licensed surveyor: None

TASKS

On site engineer to read plans, perform material take offs, make material runs to lumber yard or Home Depot, and provide labor assistance otherwise.

REPRESENTATIVE PROJECTS

I assisted with the foundation forming and framing of a duplex in Midtown Reno. This duplex I helped build is a also a structure I designed while I was working at K2 engineering. Seeing my work get installed in real life, and helping do to install it, helped me see how field conditions can alter the plan and how precision in engineering/drafting is essential

STEVEN SHELDRUP (14-285-72)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

EZLyft
Nevada (United States)
Driver
October 2017—December 2018

Verified by
Steven Sheldrup (Self)

Experience Summary
Full-Time
Other: (0%)
Experience under licensed surveyor: None

TASKS

Act as a taxi driver for people needing a ride

REPRESENTATIVE PROJECTS

I was commissioned to drive someone from Reno to Sacramento

WORK EXPERIENCE

McElhaney Structural Engineers, LLC
Nevada (United States)
Lead Project Engineer
January 2019—August 2019

Verified by
Brett McElhaney
brett@mcelhaneystructural.com

Experience Summary
Full-Time
Engineering: 7 months
Post EAC degree: 7 months
Experience under licensed engineer: 7 months

TASKS

I designed more commercial structures while working under Brett McElhaney's supervision, although I performed vertical and structural design for several residences and additions as well. When I was hired by Brett, I was the most experienced engineer he had, which landed me into somewhat of a supervisor role for the younger engineers. I was tasked with answering the newer engineer's questions during the design phase prior to a final review from Brett after 3 months of employment. I also was handed my own projects to work on while I wasn't helping others. I performed vertical and lateral design calculations for timber, masonry, concrete, and steel structures, ranging from custom homes to commercial alterations of existing masonry/tilt up buildings.

REPRESENTATIVE PROJECTS

Renown Medical Group - Pediatrics Center F
Parking Structure Repair
901 E. 2nd St
Reno, NV 89502
April 2019? (approximately 3-4 weeks, I'm not exactly sure of the start/completion date)
I performed a field evaluation of the parking structure, observing cracking in the concrete due to the sagging of the 2nd level slabs and beams. I coordinated with a specialized prestress installation company to determine which pretension cables in the 2nd level slabs and beams were no longer effective. I performed a structural design of the prestressed slabs and beams to determine how to repair the structure without removing and replacing the materials.

Mountain View Assisted Living Facility
200 Mountain View Dr.
Reno, NV 89509
June 2019 - August 2019
I performed an evaluation of a sub-contracted engineers work and determined that the majority of their work was not usable. So I started the structural design of this 66,000 square foot, 2-level building from the beginning. I did not design the structure on my own, but I was tasked with managing my younger co-workers on the project. I gave the younger two designers the task of performing the vertical calculations for the structure while I performed the lateral calculations. This was quite a large structure, and determining the correct data to input was critical. I did not get to complete this project for Brett, but I had determined the nailing patterns and hold down sizes based on the seismic and wind loading as well as notating several shear transfer details throughout the plan. I believe I left the project in a good spot, where it could be taken to the finish line pretty easily.

WORK EXPERIENCE

Dennis Dodds and Associates, LLC
California (United States)
Structural Project Engineer
August 2019—December 2020

Verified by
Dennis Dennis Dodds
ddoddsinc@sbcglobal.net

Experience Summary
Full-Time
Engineering: 1 year, 4 months
Post EAC degree: 1 year, 4 months
Experience under licensed engineer: 1 year, 4 months

TASKS

I designed custom residential structures and civil site plans for residential plans in the Tahoe Basin while under Dennis Dodd's supervision. I perform the structural calculations the lateral design for resisting wind and seismic loading conditions as well as designing beams and joists for vertical loading. I learned to apply excessive snow loading into the seismic design due to the regions unusually large snow loading. I performed infiltration calculations for drainage lines on the civil site plans and drafted the site layouts to be submitted with structural plans.

REPRESENTATIVE PROJECTS

Jenson Residence
11885 Rio Vista Dr.
Truckee, CA 96161
09/13/2019 - 10/17/2019
I perform the full structural design under the supervision of my project manager (Daryl Mills and Jeffrey DeVries) during the dates listed above.
I designed timber beams, shear walls, foundations and drafted the structural details for Daryl to review and correct or approve, red lining structural sheets for the drafter to make the proper adjustments. I performed an energy compliance evaluation to determine the type of windows, insulation, and furnace that should be used, and submitted the EnergyPro Report to CalCerts.

Bober Elevator Addition
224 Old County Rd.
Carnelian Bay, CA 96140
10/15/2019 - 02/28/2020
I performed the structural design calculations for the addition of a new elevator shaft at the garage to the upper level. I designed retrofit hold down anchorage and shear walls, and performed a drill and epoxy inspection when the retrofit hold down was installed. I coordinated design needs for the elevator shaft with the manufacturer to match our plans accordingly. I designed a beams and headers for vertical loading, including a specialized load condition for the elevator hoist beam. I performed an energy compliance evaluation and submitted the EnergyPro Report to CalCerts.

Fatemi Energy Analysis
11980 Bennett Flat Rd
Truckee, CA 96161
12/15/2019 - 12/27/2019
I performed energy compliance calculations using EnergyPro and submitted the energy design to CalCerts.

Morris Septic Design
811 South Lincoln St
Sierraville, CA 96126
09/12/2019 - 09/18/2019
I assisted Dennis with drafting the site layout, visiting the site to verify measurements and future locations of septic systems using surveying equipment, as well.

Morgan Addition
95257 Prospect Rd.
Chilcoot, CA 96105
10/10/2019 - 12/20/2019

I performed the structural design calculations for the addition at the residence listed above. I designed the structural elements for vertical, seismic and wind loads expected at the site. I performed an energy compliance evaluation and submitted this EnergyPro Report to CalCerts.

Cox Residence
13125 Moraine Rd
Truckee, CA 96161
12/20/2019 - 01/17/2020
I performed structural calculations for the residence listed above. I designed beams, headers and joists for vertical loading. I designed shear walls and anchorage for seismic and wind loading. I drafted structural details to match structural design and display shear transfer from the roof all the way to the foundation. I performed an energy compliance evaluation to determine the type of windows, insulation, and furnace that should be used, and submitted this EnergyPro Report to CalCerts.

Casey Residence
10869 Snowshoe Circle
Truckee, CA 96161
11/11/2020 - 11/30/202
I performed structural calculations for the residence listed above. I designed beams, headers and joists for vertical loading. I designed shear walls and anchorage for seismic and wind loading. I drafted structural details to match structural design and display shear transfer from the roof all the way to the foundation. I performed an energy compliance evaluation to determine the type of windows, insulation, and furnace that should be used, and submitted this EnergyPro Report to CalCerts.

WORK EXPERIENCE

EzLyft
Nevada (United States)
Driver
December 2020—April 2021

Verified by

Experience Summary
Full-Time
Other: 4 months
Experience under licensed surveyor: None

DESCRIPTION

STEVEN SHELDRUP (14-285-72)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Self-Employed
Nevada (United States)
Drafting
April 2021—December 2021

Verified by

Experience Summary
Part-Time
Other: 4 months (50%)
Experience under licensed surveyor: None

DESCRIPTION

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
Yes, 484B.653.1(a) Reckless Driving : I was driving home from a bonfire that was considered a celebration of life for a friend of mine who had recently passed away. I was pulled over driving 20 mph over the speed limit, which prompted the officer to ask to breathalyze me. I refused and the officer arrested me for driving under the influence. The courts have agreed on Sept 21, 2021 to accept a plea for Reckless Driving from the original charges.

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Civil, Structural

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

ADDITIONAL INFORMATION

TIME GAPS

Start Date	End Date	Reason	Explanation
07/2014	02/2015	Unemployed	Zachary Engineering laid me off and I was searching for work

COLE STUBITZ (15-582-43)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/27/2021

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
6 years, 4 months

Total Engineering Experience
6 years, 4 months

Experience under licensed engineer
6 years, 4 months

Disciplinary Action
None reported

EDUCATION

Bachelors in Civil Engineering (EAC)
University of Nevada, Reno
August 2009–May 2015

EXAMS

Fundamentals of Engineering (FE)
Nevada
May 2015

Principles and Practice of Engineering (PE)
Civil
Nevada
October 2021

LICENSES

Additional Licenses
None

COLE STUBITZ (15-582-43)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Odyssey Engineering, Inc.
Nevada (United States)
Engineering Intern
May 2015—February 2019

Verified by
Gabriel Star Wittler
gabe@odysseyreno.com

Experience Summary
Full-Time
Engineering: 3 years, 9 months
Post EAC degree: 3 years, 9 months
Experience under licensed engineer: 3 years, 9 months

TASKS

I worked primarily in the residential development department. I prepared plot plans for various subdivisions in the Reno/Sparks area. I prepared tentative maps for various subdivisions. I designed utility services, lot fits, and final lot grading for single family residences. I coordinated with developers to ensure the client is satisfied with the design of their individual lot. I designed utility mains for various subdivisions. I prepared and annotated civil improvement plans for various subdivisions. I coordinated with local agencies to address redlines and ensure design requirements had been met.

REPRESENTATIVE PROJECTS

Plot Plans
Project Location: Reno/Sparks, Nevada
Dates: May 2015 - February 2019
I prepared plot plans for various homebuilders in the Reno/Sparks area, primarily Toll Brothers. I designed utility services for individual lots. I prepared lot fits to give the client multiple options for different home models. I designed final lot grading for individual lots, including swales and rockery retaining walls.

Residential Development Design
Project Name: Somersett Village 6A, 6B, and 6C
Project Location: Reno, Nevada
Scope: Provide civil improvement design for a three phase, 144 acre single family residential subdivision, including site layout, grading, roadway design, water, sanitary sewer, and storm drain facilities.
Dates: January 2018 - February 2019
I worked on a team to prepare tentative maps for Somersett Village 6A, 6B, and 6C. I assembled civil improvement plans and annotated the necessary information for plan approval and construction. I designed water and sanitary sewer utilities and services to individual lots. I coordinated with local agencies to address redlines and ensure design requirements had been met.

COLE STUBITZ (15-582-43)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Westwood Professional Services
Nevada (United States)
Graduate Engineer II
May 2019—December 2021

Verified by
Joshua Lee Johnson
josh.johnson@westwoodps.com

Experience Summary
Full-Time
Engineering: 2 years, 7 months
Post EAC degree: 2 years, 7 months
Experience under licensed engineer: 2 years, 7 months

TASKS

I work in the land development department specializing in major infrastructure and master planned communities. I mass grade parcels to obtain approved grading permits for contractors. I grade roadways and commercial sites to convey 100 year flood events, including the design of major channels and ditches. I design utility mains including water, sanitary sewer, and storm drain facilities for infrastructure and residential subdivision projects. I design trails and parks that benefit the community. I prepare miscellaneous exhibits to support development agreements and special improvement districts. I prepare and annotate civil improvement plans for major infrastructure and commercial projects. I coordinate with clients to ensure their needs are met with proper and economical design. I coordinate with contractors and surveyors to provide additional support during the construction phase. I coordinate with local agencies to address redlines and ensure design requirements are met.

REPRESENTATIVE PROJECTS

Master Planned Community Infrastructure Design
Project Name: Sunstone Phase 1 Infrastructure
Project Location: Las Vegas, Nevada
Project Scope: Provide infrastructure civil improvement design for a 630 acre master planned community, including site layout, grading, roadway design, water, sanitary sewer, and storm drain for 7 roadway packages.
Dates: May 2019 - October 2020
I designed utility mains, including water, sanitary sewer, and storm drain facilities. I prepared and annotated civil improvement plans for construction. I coordinated with clients to ensure the desired design had been met. I coordinated with local agencies to address redlines and ensure design requirements had been met to expedite plan approval.

Master Planned Community Infrastructure Design
Project Name: BLM 270 Infrastructure
Project Location: Las Vegas, Nevada
Project Scope: Provide infrastructure civil improvement design for a 270 acre master planned community, including site layout, grading, roadway design, water, sanitary sewer, and storm drain for 3 roadway packages.
Dates: August 2020 - April 2021
I designed and graded various channels, sumps, and ditches to convey 100 year flood events. I designed utility mains, including water, sanitary sewer, and storm drain facilities. I prepared and annotated civil improvement plans for construction. I coordinated with clients to ensure the desired design had been met. I coordinated with local agencies to address redlines and ensure design requirements had been met to expedite plan approval.

Parks and Trails Commercial Package
Project Name: Puli Trail North & South
Project Location: Las Vegas, Nevada
Project Scope: Provide civil improvement design for a 2 mile long trail system spanning 32 acres and 4 parks, including grading and storm drain design.
Dates: April 2021 - December 2021
I graded the trail and park system, including 2 miles of channels and ditches to convey 100 year flood events while meeting ADA standards. I designed storm drain facilities to discharge into existing facilities without exceeding capacity. I prepared and annotated civil improvement plans for construction. I coordinated with landscape architects and clients to ensure the desired design had been met. I coordinated with local agencies to address redlines and ensure design requirements had been met to expedite plan approval.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Civil

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

TAYLOR WATANABE (13-816-64)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/08/2021

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
4 years, 1 month

Total Engineering Experience
4 years, 1 month

Experience under licensed engineer
4 years, 1 month

Disciplinary Action
None reported

ABET EAC

FE EXAM

PE EXAM

4+

EDUCATION

Bachelors in Civil Engineering (EAC)
University of California, Irvine
September 2008–June 2013

Masters in Civil Engineering
California State University, Fullerton
August 2013–May 2015

EXAMS

Fundamentals of Engineering (FE)
California
April 2013

Principles and Practice of Engineering (PE)
Civil
California
October 2021

LICENSES

Additional Licenses
None

TAYLOR WATANABE (13-816-64)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

IQA Solutions
California (United States)
Civil/Structural Engineer
August 2017—March 2018

Verified by
Jamil Salim Iddi
Jamil.iddi@gmail.com

Experience Summary
Full-Time
Engineering: 7 months
Post EAC degree: 7 months
Experience under licensed engineer: 7 months

TASKS

I performed engineering calculations and designed pipe supports and foundations which were submitted to the city for approval. I created CAD drawing of the pipe supports that I designed. I gave guidance to non-Civil Engineers on how much weight they can put on these supports and how much eccentricity would be allowed

REPRESENTATIVE PROJECTS

I designed pipe supports for an oil plant in California. In these designs, I had to design the anchor bolts that would attach to the foundation or retaining wail. I calculated the overturning moment and allowable loads that a pipe support would need to handle and choose the appropriate hot rolled members to build the pipe support. I also designed a small room built out of cold formed steel that was capable of holding several pieces of equipment.

TAYLOR WATANABE (13-816-64)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Sunrun
California (United States)
Civil Engineer
June 2018—December 2021

Verified by
Jason Brown
jason.brown@sunrun.com

Experience Summary
Full-Time
Engineering: 3 years, 6 months
Post EAC degree: 3 years, 6 months
Experience under licensed engineer: 3 years, 6 months

TASKS

I review existing residential structures and determine if the existing structure is sufficient enough to add solar panels to the roof. I used my engineering judgement on structures in performing my duties. I create programs that automatically analyze the structure and help the other engineers with their duties. I provide guidance to other departments with regards to engineering related issues such as what to do when hinge plates are present or what to do when jack trusses are present

REPRESENTATIVE PROJECTS

Typical Project
Typical projects are high volume and are usually completed within minutes not years. The typical project includes: determination of appropriate design criteria, identification of structure members and systems that are used in existing structures, analysis of these members to determine if they meet the requirements of the current building codes and provide appropriate deliverable packages jurisdictions.

Representative Project # 1 (Aug 2018)
Residential Roof Structure Analysis. This is a 1-story house in Florida with a Vult = 136 mph , category B and pg = 0 psf. The approximate footprint of the structure was 62 ft by 44 ft. As an Associate Civil Engineer, I determined that the roof structure was supported by a 2x4 prefabricated truss system. I analyzed the truss system and determined that it was adequate to support the roughly 3 psf of solar panels proposed to be installed on the roof. My analysis used the appropriate design criteria set forth in the IBC, ASCE, NDS and local requirements. I provided the deliverable package saying that this structure is adequate to support solar with the appropriate calculations and referenced design criteria

Representative Project #2 (June 2019)
Residential Roof Structure Analysis. This is a 1-story Residential structure in Massachusetts with a Vult = 120 mph, category equal to B and pg = 35 psf. The approximate footprint of this structure is 55 ft by 35 ft. I determined that this roof structure was supported by 2x6 rafter. I analyzed these rafters and determined the these rafter were adequate to support the newly proposed Solar Array. However, I also determined that one rafter would need to be repaired because there was visible cracking on the rafter. I proposed this rafter be repaired by sistering a new 2x6 rafter on to the existing rafter. My analysis used the appropriate design criteria set forth in the IBC, ASCE, NDS and local requirements. I provided the deliverable package saying that this structure is adequate to support solar with the appropriate calculations and referenced design criteria

Representative Project #3 (October 2019 - July 2020)
Implementation of new hardware calculator. This project consisted of developing a new streamlined calculator which would calculate the DCR of the hardware being used on every Project. In my role on this project, I was tasked to develop an inhouse hardware calculator that would correctly analyze and check if hardware was adequate for any project. I collaborated with one of our Subcontractors to properly model and analyze how the hardware would react when exposed to wind and snow loads. This calculator adheres to the appropriate IBC, ASCE, NDC and rocal requirements when determining if the hardware is acceptable.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Civil, Structural

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

ADDITIONAL INFORMATION

TIME GAPS

Start Date	End Date	Reason	Explanation
06/2015	07/2017	Unemployed	I had a job at a land development company during this time, however, I was not under the direct supervision of an engineer and was not doing engineering work

AARON YUP (18-182-06)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/03/2021

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
4 years

Total Engineering Experience
4 years

Experience under licensed engineer
4 years

Disciplinary Action
None reported

EDUCATION

Bachelors in Civil Engineering (EAC)
University of Nevada, Las Vegas
August 2013–December 2017

EXAMS

Fundamentals of Engineering (FE)
Nevada
August 2017

Principles and Practice of Engineering (PE)
Civil
Nevada
October 2018

LICENSES

Additional Licenses
None

AARON YUP (18-182-06)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

VTN Nevada
Nevada (United States)
Project Engineer
December 2017—December 2021

Verified by
Brian Troy Ruiz
brianr@vtnnv.com

Experience Summary
Full-Time
Engineering: 4 years
Post EAC degree: 4 years
Experience under licensed engineer: 4 years

TASKS

Prepared technical studies for a variety of fields including flood control, water utilities, transportation, and sanitary sewer systems for residential and commercial land developments. Performed rigorous, detailed engineering calculations to coordinate and substantiate proposed designs utilizing industry standard modeling software. Communicated with internal and external key project personnel for information gathering, problem-solving, coordination, and review. Assisted in the production of improvement plan sheets for grading, details, utilities, plan and profiles, and horizontal control. Participated in public works design meetings and provided hydrologic and hydraulic calculations for progress submittals.

REPRESENTATIVE PROJECTS

Summerlin West Master Traffic Study Update (2019)
Land Development
CLV
Las Vegas, NV
I performed trip generation, distribution, and assignment calculations to model and analyze the Summerlin West development area including 16,983
residential dwelling units, 3,217,878 SF of commercial use, 1,460,035 SF of general
office use, 100,000 SF of casino gaming floor area, 700 resort hotel rooms, 150
boutique hotel rooms, a 93-acre public park, three (3) elementary schools with 750
students each, two (2) middle schools with 1,600 students each, and one (1) high
school with 3,200 students, and supporting community uses. Additionally, I performed level of service and left turn storage calculations for the few hundred study area intersections and parcel access drives. I addressed any deficiencies in the design through coordination with the design team and project managers.

I-515/Charleston Boulevard (2020 - 2021)
Public Works
NDOT
Las Vegas, NV
I provided drainage calculations, primarily hydrologic and hydraulic to support
storm drain, drop inlet, and detention basin design for the highway improvements. Drainage design included placing and sizing of inlets and storm drain, evaluating detention pond inflow, storage, and outflow, and sizing of the detention ponds and outlets.

Pittman North Detention Basin Outfall Channel (2020 - 2021)
Public Works
COH
Henderson, NV
I created improvement plan sheets for the outfall design incorporating pipe networks,
alignments, corridors, and surfaces utilizing AutoCAD Civil 3D software and performed
hydraulic analysis for approximately 6000-ft of 96"-120" CIPCP.

Coyote Springs Village A Infrastructure Master Studies (2017 - 2018)
Land Development
CC

Coyote Springs, NV
I prepared the master drainage, traffic, water, and sewer studies for the approximately
118-acres of the Coyote Springs Village A site area. The site area was impacted by three major washes east of the Coyote Springs Detention Basin. I analyzed the utility design for the project site by sizing of water and wastewater facilities, as well as designating flow paths and slopes for the wastewater system. The traffic design I performed focused on not adversely impacting the existing US-93 and SR-168 providing regional access to the project site, as well as providing acceptable delays, adequate left turn storage, and volume analysis at the internal study intersections.

Las Vegas Boulevard – Carey to Tonopah (2017)
Public Works
CNLV
North Las Vegas, NV
I utilized WSPG modelling software to perform hydraulic sizing and supplemental calculations for a proposed storm drain system located within Las Vegas Boulevard.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Civil

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

Mechanical

MIGUEL RODRIGUEZ (16-866-79)

All work experience reviewed by two licensed professionals

DISCIPLINE: MECHANICAL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/20/2021

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
4 years, 5 months

Total Engineering Experience
4 years, 5 months

Experience under licensed engineer
4 years, 5 months

Disciplinary Action
None reported

EDUCATION

Bachelors in Mechanical Engineering (EAC)
Arizona State University
August 2011–May 2015

EXAMS

Fundamentals of Engineering (FE)
Arizona
September 2016

Principles and Practice of Engineering (PE)
Mechanical
Nevada
September 2021

Waiver Request: NRS 625.183, item 4, part b, "Two of the 4 years of active experience must have been completed by working under the direct supervision of a professional engineer who is licensed in the discipline in which the applicant is applying for licensure, unless that requirement is waived by the Board"

LICENSES

Additional Licenses
None

MIGUEL RODRIGUEZ (16-866-79)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

FDH Velocitel
Arizona (United States)
Field Structural Engineer
September 2015—May 2016

Verified by
James Mathewson III
jmathewsoniii@j3telecom.com

Experience Summary
Full-Time
Engineering: 8 months
Post EAC degree: 8 months
Experience under licensed engineer: 8 months

TASKS

As a Field Structural Engineer for FDH Velocitel, I was responsible for documenting and photographing existing site conditions at telecommunication tower sites around the United States. I spent the majority of my time at FDH Velocitel in two major roles with several activities attributed to both. The activities I performed ranged in complexity from something as simple as photographing existing site conditions to something more complex such as climbing towers and recording measurements to determine foundation depth.

REPRESENTATIVE PROJECTS

Site Surveying - Various Locations
07SEP15 - 15JAN16
The first half of my time at FDH Velocitel was devoted to site surveying; in this role I documented existing site conditions at tower sites. I took pictures, wrote down measurements and generated site plans for each of the tower sites.

Tower Climbing and Documenting - Various Locations
15JAN16-13MAY16
As a tower climber I took photographs, noted structural issues and wrote down the serial numbers, location and condition of all appurtenances on the tower. In that same role, I used hand tools heavy equipment and depth gauges to generate data to determine foundation type, size and depth.

MIGUEL RODRIGUEZ (16-866-79)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

NAVFAC Southwest
California (United States)
Construction Manager
March 2018—December 2021

Verified by
Terry Jameson Roberts
Terry.Roberts@parsons.com

Experience Summary
Full-Time
Engineering: 3 years, 9 months
Post EAC degree: 3 years, 9 months
Experience under licensed engineer: 3 years, 9 months

TASKS

As an intern construction manager at the China Lake Facilities Engineering and Acquisition Division (FEAD) Office I reviewed RFP's and design's for correctness. My role has expanded to include managing construction projects. In this role I review schedules, contractor proposals, generate independent government estimates, negotiate contract modifications and more. As a construction manager I also advise the contracting officer and FEAD Director on matters related to contract compliance, safety and quality assurance.

REPRESENTATIVE PROJECTS

Upgrade Ventilation System, Bldg. 20286 - China Lake, CA 93555
15MAR18 – 21OCT18
On this project I provided project oversight and field performance verification. I also attended quality control meetings held by the general contractor.

Fall Protection and Roof Repairs Bldg. 00874 - China Lake, CA 93555
15JUN18 – 03FEB20
On this project I developed the additional scope needed to direct the contractor to make repairs to the facility after it was damaged by inclement weather.

Michelson Lab Wing 01 Renovation – China Lake, CA 93555
28JUN2019-Present
On this project I have interfaced with end users to develop new scope to meet changing security requirements, I have reviewed contractor proposals, negotiated and executed various contract modifications.

Repair Skytop Substation and Circuit 5 – China Lake, CA 93555
16JUL19 – 15OCT20
On this project I performed a detailed schedule analysis and coordinated with the general contractor, base high voltage group and end user to bring project areas online ahead of schedule to return test sites to a functional state following the 2019 earthquakes.

Boiler Plant 4 Major Repairs – China Lake, CA 93555
18SEP20 – Present
On this project I have coordinated efforts between NAVFAC design managers and our contracted third party A/E firm to attend site visits and design meetings to develop structural solutions to reinforce walls whose structural integrity have been compromised. I have also recommended alternative solutions to the Contracting Officer and FEAD Director to help minimize cost, schedule and manpower impacts on the project and project team.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Mechanical

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

ADDITIONAL INFORMATION

TIME GAPS

Start Date	End Date	Reason	Explanation
06/2016	02/2018	Unemployed	During this time I was unemployed. I spent most of my time applying for and interviewing for jobs. 3 months of this time were spent studying for and passing the FE Exam in Arizona.

Mining

ROBERT FARBRIDGE (13-615-99)

All work experience reviewed by two licensed professionals

DISCIPLINE: MINING

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
12/02/2021

Citizenship
Canada

SUMMARY

Engineering Experience after EAC degree
9 years, 4 months

Total Engineering Experience
9 years, 4 months

Experience under licensed engineer
8 years, 8 months

Disciplinary Action
None reported

ABET EAC

FE EXAM

PE EXAM

4+

EDUCATION

Associates in Mining and Mineral Exploration Technology
British Columbia Institute of Technology
September 2008–May 2010

Bachelors in Mining Engineering (EAC)
Montana Technological University
August 2010–May 2012

EXAMS

Fundamentals of Engineering (FE)
Montana
April 2012

Principles and Practice of Engineering (PE)
Mining and Mineral Processing
Nevada
October 2021

LICENSES

Additional Licenses
None

ROBERT FARBRIDGE (13-615-99)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Troy Mine Inc
Montana (United States)
Senior Engineer
June 2012—May 2015

Verified by
Lawrence Allen Erickson
ericksonatwork@yahoo.com

Experience Summary
Full-Time
Engineering: 2 years, 11 months
Post EAC degree: 2 years, 11 months
Experience under licensed engineer: 2 years, 11 months

TASKS

Developed short and long term mine plans using autoCAD, Gemcom, and excel. I installed and develop SOP's for the use of an underground microseicmic monitoring system. Modeled ventilation changes and specified fans, fan locations, and other ventilation controls. Designed underground development drifts and room-and-pillar workings. Reviewed the work of contractors for a number of projects at site.

REPRESENTATIVE PROJECTS

Ventilation / Escapeway Raise Installation
February 2014- May 2014
I designed an escape & ventilation raise from existing workings to a new development heading. I then put together the bid package for the various parts of the job (raise boring, liner installation, fan purchase) and handled the bidding and component selection for all of these various parts. I then put together the construction schedule witch included work by in house personnel and several outside contractors. During construction, I reviewed daily time cards and work completed by contractors and tracked project costs.

Tailings Impoundment Lift
May 2012 - September 2012
I designed the next lift on our tailings impoundment based on specifications from our engineer of record. I provided prints of the design to the construction contractor and reviewed their work as construction advanced.

ROBERT FARBRIDGE (13-615-99)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Atna Resources
Nevada (United States)
Mine Engineer
May 2015—January 2016

Verified by
Sasha Meyer
smeyer@ioneer.com

Experience Summary
Full-Time
Engineering: 8 months
Post EAC degree: 8 months
Experience under licensed engineer: None

TASKS

Develop weekly mine & ore shipment plans. Design underground production and development designs. Create mid and long term mine plans and designs. Perform economic analysis on all designs.

REPRESENTATIVE PROJECTS

Build a Long Term Mine Plan
Jam 2015 - Dec 2015

Primary project involved updating the long term mine plan from the designs that were used in the 43-101 report, and building a plan based on updated knowledge of the deposit and ground conditions. When I arrived at the mine, there was no long term plan. Over the following 6 months I started with building a 3 month plan, implemented weekly planning meetings with all relevant parties at site (engineering, geology, surface and underground managers, and our mining contractor) to get their input and buy in to the plan. From there, I designed working levels for the remainder of the life of mine plan and built the schedule for those designs.

ROBERT FARBRIDGE (13-615-99)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Hecla Nevada
Nevada (United States)
Technical Services Manager
February 2016—November 2021

Verified by
Eric Mathew Hill
ehill@hecla-mining.com

Experience Summary
Full-Time
Engineering: 5 years, 9 months
Post EAC degree: 5 years, 9 months
Experience under licensed engineer: 5 years, 9 months

TASKS

Started in 2016 as mining engineer designing drill and blast patterns for longhole stopes, and have worked up to Technical Services Manager. Duties have included:
Underground mine design (development and stope design)
Ventilation planning and design including specifying fan locations and types, calculating required airflow quantities, and building computer ventilation models
Dewatering design - calculating pumping requirement and specifying pump selection, location, and pipe size
Mine Planning - short and long term mine planning, cost estimation calculations, budgeting, and completing trade off studies on mining methods.

I have worked at all 3 underground mines within Hecla Nevada, utilizing a variety of mining methods including narrow vein longhole stoping, shrinkage stoping, captive (timber raise) cut and fill, mechanized drift and fill, and alimak stoping. I have developed the budget for my sites since 2017, and for all of Hecla Nevada since 2020.

REPRESENTATIVE PROJECTS

Change in Mining Methods - Narrow Vein
2017 - 2018
The first major project was a change in mining methods at both Midas and Hollister from longhole stoping to more traditional cut and fill and shink stoping methods in order to reduce costs and allowed for economic extraction of otherwise unprofitable resources. This resulted in the reduction of all is sustaining costs per ounce of 33% at Hollister, and the extension of mine life at Midas by approximately 18 months. This change significantly reduced capital requirements to sustain mine operations. I designed the stopes, built the cost estimations, and reviewed all technical aspects of this change including training junior engineers in these methods and ensuring survey and ore control duties were carried out safely. Initial work involved trade off studies between methods. This required designing and scheduling mine plans for each different methods and performing cost analysis for each to determine the best plan forward.

Automated Drilling
January - June 2019
Implementation of automated jumbo drilling in the Hatter Graben decline project at Hollister. I was responsible for equipment selection, AFE approval, drill and blast pattern design, and scheduling training of the workforce to use this new technology while getting buy in from the miners. Unplanned overbreak was reduced by 80%, to 1.2%.

Introducing bulk mining methods at Fire Creek
April - October 2020
I was responsible for all technical aspects of the transition to bulk mining methods at Fire Creek. Traditionally, the veins at Fire Creek were mined using narrow vein techniques, up to 6' in width. After discovery of a wider ore body, bulk methods (up to 15' in width) were proposed. The ground in this area was quite poor, posing significant challenges to mining larger openings. I designed the mine plan and built the schedule, working with our corporate geotechnical engineers to design additional ground support. Once mining began, I continuously improved the drill and blast designs, modifying these designs to reduce drilling costs (approximately 60% reduction in drilled footage).

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Mining/Mineral

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

Structural

MANISH KHANAL (18-655-21)

All work experience reviewed by two licensed professionals

DISCIPLINE: STRUCTURAL

GENERAL

Applying To
Nevada

Application Type
Comity - PE

Application Date
07/21/2021

Citizenship
Nepal

SUMMARY

Engineering Experience after EAC degree

Total Engineering Experience
4 years, 1 month

Experience under licensed engineer
4 years, 1 month

Disciplinary Action
None reported

FE EXAM

PE EXAM

SE16 EXAM

4+

EDUCATION

Bachelors in Civil Engineering (Unofficial Transcript)
Tribhuvan University
August 2011–February 2016

Masters in Civil Engineering
University of Houston
August 2017–December 2018

Note: Licensed as a Civil engineer in Nevada, first discipline specific SE license.

EXAMS

Fundamentals of Engineering (FE)
Texas
June 2018

Principles and Practice of Engineering (PE)
Civil
Texas
October 2019

NCEES 16HR Structural (SE)
Nevada
October 2021

LICENSES

Initial License
Texas
Issued: August 2020
Expires: June 2022

Additional Licenses
NV CE

MANISH KHANAL (18-655-21)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

K.C CONSTRUCTION FIRM
Bāgmatī (Nepal)
Site Engineer
April 2016—October 2016

Verified by
Manish Khanal (Self)

Experience Summary
Full-Time
Engineering: (0%)
Experience under licensed engineer: None

TASKS

• Supervised ongoing construction of building with floor area over 50000 sq.-ft.
• Oversaw lab tests of construction materials, soil and concrete samples. Provided support for clients and managed client-contractor-consultant meetings.
• Designed form work for concreting, sheet piles and bracing for earthwork.
• Designed temporary site office building.

REPRESENTATIVE PROJECTS

Nepal Army Headquarter Project (Kathmandu, Nepal 2016)

I worked as a site engineer for Nepal Army's Headquarter project which was a reinforced concrete building. I worked directly under the Project Manager and supervised pile installation, 3 foot thick raft foundation rebar placement and concreting and two of the proposed seven story before I left. I also prepared rebar cutting schedule to minimize waste and designed a single story temporary office building utilizing structural steel. I also designed sheet pile retaining system for a 10 foot vertical cut during excavation for foundation.

MANISH KHANAL (18-655-21)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Asha Consulting Group
Bāgmatī (Nepal)
Structural Engineer
October 2016—July 2017

Verified by
Sanjib Neupane
sanjib_neupane@yahoo.com

Experience Summary
Full-Time
Engineering: 9 months
Experience under licensed engineer: 9 months

TASKS

- Model and design reinforced concrete buildings and foundations in a high seismic zone
- design and prepare detailed drawing using AutoCAD.
- Develop calculation reports confirming to local guidelines for submittal and estimate cost and prepare bill of materials.
- Conduct site visit to verify construction as per design.

REPRESENTATIVE PROJECTS

Residential House Design (Bagmati, Nepal) 2016-2017

I designed a three and a half story residential house with floor area of approximately 1600 square feet per story. I used ETABS to analyze and design the reinforced concrete building, created spreadsheets to design isolated and combined footing as required and prepared detail drawings and report to obtain permits for construction. I conducted site inspection prior to every concrete pour and verified dimensions and reinforcement placement.

Jalpa Devi Lower Secondary School (Dolakha, Nepal) 2017

I designed the structure and the foundation for a two story school building in Dolakha, Nepal utilizing Reinforced concrete structure. This structure had to be designed for higher importance factor for seismic loading. I utilized Indian standard ductile detailing and seismic code to design the reinforcements and prepared detailed drawings and calculation package for approval.

WORK EXPERIENCE

SSP Engineering and Consulting
Texas (United States)
Staff Structural Engineer
May 2018—May 2021

Verified by
Subash Paudel
spaudel@sspeng.com

Experience Summary
Full-Time
Engineering: 3 years
Experience under licensed engineer: 3 years

TASKS

Worked as a full time structural engineering Intern from May 2018 to December 2018 and as a Staff structural Engineer from January 2019 to June 2021. My tasks were as follows:

•Conduct site visits and engineered solutions for remodeling projects most of which involved removing load bearing walls, construction issues and permit issues.
• Coordinate with project managers to prepare bid documents and proposals.
• Design various commercial structures utilizing structural steel frame, wood frame, light gage framing and different types of foundation
•Design both modular and non-modular steel structures (skids, pipe-racks), foundations for heavy equipment for multiple oil and gas refineries. Perform transportation and lifting calculation including lifting lug design.
• Design structures for fabrication facility with structures self-supported flares , guy wire supported flares , derrick structures and other mechanical equipment. Projects included seismic design, fatigue design, non-linear analysis, vortex-shedding analysis, and complex connections design.
• Perform finite element analysis for issues involving complex connections, foundations, and stress concentration points.
• Conduct forensic analysis to determine collapse mechanism or other structural issues.

REPRESENTATIVE PROJECTS

Targa Little Missouri IV, Williams Bucking Horse II, Salt Creek Midstream (Multiple large scale oil and gas projects from 2018 to 2020 located in North Dakota, Wyoming and Texas):
I worked under the supervision of my supervisor and conducted structural analysis for skids, piperacks, piping and equipment supporting structures. My duties included calculating vertical loads, lateral loads (wind and seismic), thermal loads, and piping loads, in place analysis, lifting analysis and transportation analysis for modular structures. I also worked on analyzing additional loads on existing structures, conducting squad checks for vendor drawings.

Fabrication Projects (2019-2021)

I designed various types of structures for fabrication facilities like AEREON, FICOTEQ and BROACH. The structures included derricks, flares(self supported and guy wire supported), Steel Frames, skids, and foundation and anchorage design using STAAD Pro, Mecastack and analytical calculations for special cases. Majority of projects were for various parts of United States but Some of the projects were designed using local codes from Argentina , China and New Zealand. I designed the structures for gravity loads, wind and seismic loads, thermal loads and vortex shedding loads. My supervisor trained me for these projects and after receiving my PE, I independently designed these projects, communicated with clients and created drawings and markups for fabrication. During this time I have worked on more than 50 different projects.

Residential Projects (2020-2021)

I worked on various remodeling and new projects as a project engineer where I designed and stamped drawings. The project duration were short in nature and had quick turnaround. I designed reinforcements for openings for walls, damage repair design, foundation design, single story house design, adding new parapets on existing roof. Most of these design involved wood structural members. I did occasionally had to use structural steel when capacity demand was high.

International Code Council (ICC) Certification (October 2020-March 2021)

I verified the test results for various types of screws used for cold formed steel connection for a manufacturer (Kyocera Senco). Computed design capacities for manufacturer to put in their literature using AISI design codes and raw test results. Stamped the

results and got approval from ICC

Commercial Projects (2020-2021)

I was a part of design team that designed retail stores in Texas and one in Louisiana. I did the analysis for the structural frame system using structural steel frame and cold formed steel walls. I also conducted design studies for using various structural system (wood, steel, and combination of two) to come up with most economic design. I was also involved with permit application process and coordination with city officials for these projects.

WORK EXPERIENCE

Lumos & Associates
Nevada (United States)
Project Engineer
July 2021—November 2021

Verified by
Eric Hutchens
ehutchens@lumosinc.com

Experience Summary
Full-Time
Engineering: 4 months
Experience under licensed engineer: 4 months

TASKS

I work as a project engineer for the structural engineering division for Lumos and Associates. My job responsibilities are are follows:

I provide support to project managers and division head to complete structural engineering projects of various nature. Projects include commercial or industrial type structures utilizing various type of construction materials like concrete, steel, wood and masonry.

I produce structural calculations and drawings as required for development of construction documents.

I peer review calculations by colleagues as a quality control measure.

I work on design assignments that include evaluation or upgrade of existing structures.

REPRESENTATIVE PROJECTS

Carson City Rifle Range
August 2021

I designed framing and foundation for 120 foot long carport type structure for Carson city parks and recreation department. The structure was designed as a cantilever column system for applicable seismic loads and wind loads.

Gately RV Storage Foundation:
October 2021

Designed concrete foundation for 5 pre engineered metal building foundations a ranging from 8400 sqft to over 44000sqft. The structures will be located in Carson City, NV. Checked adequacy of foundation for vehicle loading per AASHTO requirements. Signed and sealed calculation set and drawings.

North Valley Geothermal Plant Air coolers:
July-November 2021

Peer reviewed structural calculation for air cooler structural modules (60'wide x180' long x 30' tall). The structure was a braced frame steel structure for a geothermal power plant. Conducted independent structural analysis based on local seismic and wind load requirement to verify the adequacy of the structural system.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Civil, Structural

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

SOL LORENZO (16-915-91)

All work experience reviewed by two licensed professionals

DISCIPLINE: STRUCTURAL

GENERAL

Applying To
Nevada

Application Type
Comity - PE

Application Date
03/21/2017

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
25 years, 3 months

Total Engineering Experience
25 years, 3 months

Experience under licensed engineer
13 years, 2 months

Other Experience
7 months

Disciplinary Action
None reported

MLE | ABET EAC | FE EXAM | PE EXAM | SE16 EXAM | 4+

EDUCATION

Bachelors in Civil Engineering (EAC)
Cooper Union
August 1986–May 1990

Masters in Civil Engineering
McGill University
January 1992–February 1994

Note: Licensed as a Civil engineer in Nevada, first discipline specific SE license.

EXAMS

Fundamentals of Engineering (FE)
New York
April 1990

Principles and Practice of Engineering (PE)
New York
October 1998

NCEES 16HR Structural (SE)
New York
October 2021

LICENSES

Initial License
New York
Issued: February 1999
Expires: August 2019

Initial License
Nevada CE
Issued: June 2017
Expires: December 2023

Additional Licenses
FL PE, ME PE, MS, TX

WORK EXPERIENCE

Hardesty and Hanover LLP
Junior Engineer
July 1990—September 1991

Verified by
William Nyman P.E.

Experience Summary
Full-Time
Engineering: 1 year, 2 months
Post EAC degree: 1 year, 2 months
Experience under licensed engineer: None

DESCRIPTION

Hunts Point Avenue Bridge, Bronx, New York : Deck replacement on a steel deck girder bridge over railroad tracks (AMTRACK). Site survey, including damage survey of the existing steel superstructure and condition survey of the old railroad station which occupied a portion of the bridge and housed commercial space to remain. Load rating of the steel girders. Design of new concrete deck slab and new end diaphragms. Analysis of construction staging since half the deck was replaced at a time. Design of temporary access walkways to the commercial space which had to remain in operation during the Work. Hydraulic calculations for drainage. Determine roadway profile, new slab haunches on girders, and transitions.

Willis avenue bridge, New Jersey : Verify calculations of large retaining walls with railroad loading.

New York City Passenger Ship Terminal : Damage survey of delaminations in concrete piers and deck slabs.

SOL LORENZO (16-915-91)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

McGill University
Research and Teaching Assistant
June 1992—August 1993

Verified by
Denis Mitchell

Experience Summary
Part-Time
Other: 7 months (50%)
Experience under licensed surveyor: None

DESCRIPTION

Teaching Assistant for Undergraduate Civil Engineering Mechanics of Materials : supervision of laboratory work; grading lab reports and homework; recitation sessions for extra help on homeworks.

Teaching Assistant for Undergraduate Architecture Structures I class : recitation sessions to reinforce acquisition of new concepts and material, as well as to provide extra help on homeworks. Grading homeworks and exams.

Research Assistant : Research project on the shear resistance of hollow core prestressed slabs. 3D solid element modeling of hollow core slabs and of test specimens. Sourcing material for building laboratory specimens. Design of test setup, including instrumentation. Destructive testing of three specimens. Analysis of the results and presentation of a report.

WORK EXPERIENCE

Martoni, Cyr and Associates
Structural Engineer, Associate
October 1993—December 2006

Verified by
Roger Cyr, Martoni Cyr & Associates Inc

Experience Summary
Full-Time
Engineering: 13 years, 2 months
Post EAC degree: 13 years, 2 months
Experience under licensed engineer: 13 years, 2 months

DESCRIPTION

Design of steel structures:
Teleglobe building extension, Technoparc, Montreal, Quebec (1994): Four story building using moment resisting frame lateral load resisting system. Pile foundations, reinforced concrete substructure and ground floor. Site inspection and surveillance.
L'Allemand yeast factory, Montreal, Quebec (1994-2001): Structural design for four major additions to the existing factory. Steel design included supports for reservoirs and unusually high clear spaces as well as standard floor, wall, column and bracing design. Pile foundations, reinforced concrete substructure and ground floor for heavy industrial loads. Site inspection and surveillance.
Carbone 14 Usine C , Montreal, Quebec (1993-1994): Design of the steel structure for the new rehearsal studio and performance space. Including architecturally exposed structural steel trusses and columns. Pile foundations, reinforced concrete substructure and ground floor. Site inspection and surveillance.
Improvements to bottling plants: New structural steel platforms, clean rooms and ancillary works; Anheuser Busch plant, Columbus Ohio; Quaker Oats/Gatorade plants in Phoenix, Arizona and Indianapolis, Indiana; Coca-Cola plant in Pau Pau, Michigan; Miller Brewing Co plants in Cincinnati, Ohio, Eden, North Carolina, Albany, Georgia and Irwindale, California.
New England Aquarium, Boston (1996-1997); Working for the steel fabricator, design review of connections for a three dimensional truss and for an extension to the existing aquarium, including inclined columns and other complicated geometry.
Logan Airport, Boston (1997): Working for the steel fabricator, design of connections for new pedestrian walkways.
Hotel Saint James, Montreal, Quebec (2000-2001): Addition of two stories to a designated heritage building. The existing building had eight stories, three originally built in 1899, four added in 1899 and one added in 1929. Evaluation of existing steel and masonry structure for gravity and seismic loads, detailed calculations to minimize reinforcing of the existing steel columns, creation of new reinforced concrete shear walls and foundation raft inside the building to ensure compliance to 1995 NBCC seismic design criteria.
Kingston Military Community Sports Complex: Major addition to the sports facility including addition of a new field house and indoor pool area, structural modifications and change of occupancy within the existing gymnasium.
Cite des arts du Cirque: Circular auditorium of steel construction, unique in Canada and capable of seating 800 people. Certified LEED "Gold". Some recycled construction elements were used such as some steel beams from old Angus factories.
Maywood Residence, 120 unit semi-assisted living residence for senior citizens. Steel frame of seven stories with eccentric braces, prefabricated steel exterior walls, building on tubular steel piles, and one level of underground parking.

Design of Concrete Buildings
Mid-rise Condominium Buildings: Les lofts, Nun's Island, Montreal. Quebec (1994), eight stories; Clos St. Andre, Montreal. (1995), eight stories; Lincoln and Du Fort, Montreal, (1997), six stories; 555 de la Commune, Montreal, (2001), nine stories; St-Helen Phase II, Montreal, (2003), six stories; Sax Phase I, II, III, Montreal, (2003-2004); Residence Cavendish, Montreal, (2004), ten stories. Design of slabs, columns, shearwalls and foundation. Design of mezzanines in cold formed steel and miscellaneous metal works. Coordination with Architects, site inspection and surveillance.
Electrical substation, Westmount, Montreal (1995-1996): Participation in the design of the structure for the buried substation, involving construction 30 feet below the water table requiring anchorage to rock, waterproofing, special wall design and design of the roof for significant depths of earth. Site inspection and surveillance.
Provigo/Loblaws Quebec Headquarters (2000): 40,000 square meter building, three stories plus two levels of underground parking. Design began in August 2000L all the concrete was poured by December 2000.
E-Commerce Place Phases I and II, Montreal, Quebec (2001-2003): 27 (Phase I) and 19 (Phase II) story office buildings plus five levels underground parking in downtown Montreal. In charge of design, coordination and site supervision.
90 George: 20 story condominium in Ottawa with four stories of underground parking.

Design of Special Structures for Scenography and Circus Uses

Structural design and construction supervision of dismantable, transportable structures in aluminum and steel for visual impact and staging of acrobatic acts. Notable examples are the decor for Cirque du Soleil's traveling shows: Saltimbanco (1993), Alegria (1994), Quidam (1996) - 125 foot long cable staged acrobatic bridge), Dralion (1999), Varekai (2002), Corteo (2005) which involved a transportable steel bridge 160 feet long. These structures travel throughout the US, Europe and Asia.
Technical assistance to Cirque du Soleil for design, construction, maintenance, permitting and installation of their Big Top tents in North America, Europe and Asia.
Structural engineering for the moving features at the opening ceremonies of the 2006 Asia Games, Qatar.
Other examples include: 24 meter long baseball bats, signage trusses and tiger statues for the Detroit Tigers' new stadium; design of set structures and stage floor for Cirque du Soleil's fixed shows in Las Vegas and Orlando; structural design of stage and set for Celine Dion's world tour and Las Vegas show; inspection of small kiosks and tents during Montreal summer festivals.

Telecommunication Structures
Bell Mobility
Structural design and construction supervision for's 180 foot Tripole at the Technoparc, Montreal (1995-1996)
Plans for antenna additions and structure upgrade, ten telecommunications towers (1996)
In depth inspection of 12 telecommunications towers (1996)
Site inspections, feasibility studies, site layout, coordination, structural design, etc. for approximately 50 rooftop and leasehold telecommunications sites in buildings in the Montreal area (1995-1997). Client: Cantel, Clearnet and Microcell
Post construction inspection of 25 telecommunications towers (1996). Client: Clearnet.
New 120 foot Monopole, Grande-Riviere, Quebec (1996). Client: Cantel
Dynamic analysis to solve vibration problems, for Hydro-Quebec's guyed tower, Carleton, Quebec (1995). Client: Hydro-Quebec
Special analysis to solve torsional vibration problems for Hydro-Quebec's guyed tower, LaSarre, Quebec (1995). Client: Hydro-Quebec
Research and analysis to solve guy galloping problems for Bell Canada's guyed tower, Grands Fonds, Quebec (1995-1996). Client: Bell Canada

Structural Design for Special Facilities - Test Cells for Aircrafts Engines
Structural design for the upgrade of existing motor test cells and for new test cells. Special features include extremely high loads delivered by the proposed engines to the foundations as well as large blast pressure and projectile impact loads.
Retrofit and extension of a test cell for natural gas cogeneration, Lachine, Quebec (1994-1995). Client: Rolls Royce Gas Turbine Engines
Retrofit of two existing test cells plus construction of a new cell with ancillary areas, Longueuil, Quebec (1996). Client: Pratt and Whitney Canada
Test Cells 22-15 and 22-24, Mississauga, Ontario: Special features included design of cell walls and foundations for heavy loads imposed by the roof-mounted engines and design of the cell walls to resist impact from high speed steel projectiles resulting from accidents. Client: Pratt and Whitney Canada
Retrofit of existing test cells in Rybinsk, Russia.
Test frames to measure engine thrust and armor plating against projectiles for facilities in Bristol, England; St. Johns, P.E.I.; Montreal

International Projects
Six month assignment in charge of construction management for twenty 90 meter telecommunications towers, plus several rooftops sites, in Hyderabad, India for Bell Canada International's local partners. Leadership of the project team composed of two Canadian and six Indian engineers. The team monitored and supervised the design, fabrication and installation work of the local contractors, was responsible for managing quality control inspections, schedule maintenance, site hand-over, deficiency remediation, progress payments and negotiation of change orders, and transfer of expertise to BCI's local partner.
Peer review of telecommunications towers, new and remedial work, Brazil.

WORK EXPERIENCE

Genivar
Director, Structural Engineering for Buildings
December 2006—December 2011

Verified by
François Perreault

Experience Summary
Full-Time
Engineering: 5 years
Post EAC degree: 5 years
Experience under licensed engineer: None

DESCRIPTION

Direction, leadership and management of Genivar's Department of Structural Engineering for Buildings, Montreal

Honore Mercier Bridge Rehabilitation, Montreal, Quebec (2009-2011): Design of structural steel rehabilitation for replacing the deck on the Bridge, built in 1934 approximately 2 kilometers long, and heavily deteriorated. Interventions include complete replacement of main gusset plates and heavy reinforcing of existing truss members. In responsible charge of the design and personally directing the engineering.

Design of Concrete Buildings
Louis Boheme condominiums, Montreal: 28 storey condominium building plus six stories of underground parking.
Evolo condominiums, Montreal: 32 storey condominium building.
Crowne Plaza Suites: Peer review for the design of a twelve storey hotel, Port-of-Spain, Trinidad.

Design of Special Structures for Scenography and Circus Uses
Technical assistance to Cirque du Soleil for design, construction, maintenance, permitting and installation of their Big Top tents in North America, Europe and Asia.
Structural engineering for the moving set of Robert Lepage's "Ring Cycle" at the Metropolitan Opera, New York.
Structural engineering for moving features at the opening ceremonies of the 2010 Winter Olympics, Vancouver, Canada.

Structural Design for Special Facilities - Test Cells for Aircrafts Engines
Structural design for the upgrade of existing motor test cells and for new test cells. Special features include extremely high loads delivered by the proposed engines to the foundations as well as large blast pressure and projectile impact loads.
Two new Test Cells with ancillary facilities, Pratt and Whitney Canada, Mirabel Quebec (2008-2011).
Design, and construction supervision, of a new Test Cell for Air France maintenance testing on engines for the fleet including A380 Airbus, Paris France 2010-2011.

Projects in Wind Energy
Performance specification for Balance of Plants , site supervision third party review of foundation design:
Cartier Wind Energy at: Baie des Sables, L'Anse a Valleau; Carleton; Gros Morne; Montagne Seche.
Due diligence reports on WTG foundations at several sites.
Third party WTG foundation design review at Kibby Wind Farm, Maine.
Structural and foundation design for small WTG and foundation, Plastic Gagnon Eoliennes.
Structural design of foundations and tower for Enercon Wind Turbines, several projects in Quebec and Ontario, 2010-2011.

International Projects
Peer review and assistance to the project management team for the structural design of the Oran Convention Center, Algeria, 2008-2009.
Peer review of the structural design for the Port of Spain National Performing Arts Center, Trinidad and Tobago, 2008.

SOL LORENZO (16-915-91)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

WSP Canada
Quebec (Canada)
Director of Special Projects
January 2012—February 2017

Verified by
Sebastien Fecteau
sebastien.fecteau@wspgroup.com

Experience Summary
Full-Time
Engineering: 5 years, 1 month
Post EAC degree: 5 years, 1 month
Experience under licensed engineer: None

TASKS

My engineering duties include structural design and construction supervision of projects in the Buildings, Bridges and Energy sector. I supervise design teams of varying size and also participate as an expert for both internal and external clients. Engineering occupies at least 90% of my responsibilities, much of which is spent supervising subordinate engineers, reviewing their work for correctness and directing their work for effectiveness. The rest is business development, administration and management.

REPRESENTATIVE PROJECTS

I supervised subordinate engineers and personally performed structural design for the 32 story LEED certified "Evolo" RC condominium building in Montréal. I was Engineer of Record (EOR), lead designer, and in chage of construction supervision.
I was in charge of construction supervision for the 22 storey RC mixed use complex "Griffintown Ilôt 10in Montréal. EOR, construction supervision.
I supervised subordinate engineers in the design of the Mercier Bridge rehabilitation, Montréal: involving deck replacement and steel superstructure rehab for this major river crossing in Montréal.
I performed structural inspections and assessments of Ready Made Garment Factories in Bangladesh and Cambodia: following the Rana Plaza disaster in 2013, WSP inspected over 600 factories mainly in Dhaka. I was the lead engineer for Canadian inspection team, and personally inspected approximately 100 structures.
I performed a third party review of Wind Turbine foundation design for Green Mountain Power in Vermont .
I supervised the design of steelwork, connections, and structural glass for the specialty fabricator of the Battery Park carousel, New York City.
I supervised the structural design team for the Public Works Pay Center in Miramichi, New Brunswick, a four storey 160,000 square foot RC office building.
I personally designed the structure for a new five storey hotel, plus two basements, in Sty John's Newfoundland using steel structure and completely prefabricated, prefinished modular construction.
I supervised the design of powerplant superstructures for small hydroelectric dams at 11e Chute, Québec and Yellow Falls, Ontario.
I managed the design-build tender process and construction administration for a new effluent treatment system at the Reptile Tannery of Louisiana, Lafayette LA.
I supervised the structural design of a residential complex involving a 20 storey rental building, a 15 storey condominium building, and a 4 storey underground parkade all in reinforced concrete, in Montreal QC.
I supervised the structural design of the Naval Engineering Test Establishment, upgrade of an existing 3 storey industrial building including seismic upgrade in Montreal.

SOL LORENZO (16-915-91)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Show Canada
Quebec (Canada)
Vice-President, Engineering and Special Projects
February 2017—January 2021

Verified by
Sol Lorenzo (Self)

Experience Summary
Full-Time
Engineering: (0%)
Experience under licensed engineer: None

TASKS

Vice President in charge of all in-house and subcontracted engineering work for a specialty fabricator in the field of Show Business.
In-house engineering staff under my responsibility include 9 engineers and 21 technicians.

REPRESENTATIVE PROJECTS

Ashgabat, Turkmenistan, movable stage for Asian Martial Arts Games: design of a movable stage for the opening and closing ceremonies of the games. Supervision of all engineering.

Comcast Sphere, Philadelphia: Amusement attraction including a lift floor for the public, inside a Norman Foster designed office building. Supervision of all design engineeering as well as Tenant Improvement architecture (outsourced).

SOL LORENZO (16-915-91)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

gbi Consulting Engineers
Quebec (Canada)
Director, Structures
February 2021—December 2021

Verified by
Ahmad Afshin
aafshin@gbi.ca

Experience Summary
Full-Time
Engineering: 10 months
Post EAC degree: 10 months
Experience under licensed engineer: None

TASKS

Director of Structral Engineering for the Montreal office.
I Lead a team of 12 engineers and technicians.
I Establish concepts and design/calculation approach.
I Supervise junior, inetrmediate and senior personnel in the performance of their duties.
I Coordinate with clients, architects, contractors and other teams.
I Troubleshoot when required.
Business development, hiring, performance reviews and other management tasks occupy 10-15% of my time.

REPRESENTATIVE PROJECTS

Royalmount, Montreal Canada:
I am the SEOR for the 2,600,000 sf commercial building. I establish structural concepts for the poured in place RC building with steel feature and mechanical roofs. I supervise the project structural engineering team in design, construction administration and structural observation. I coordinate the deisgn with Architect and Client, and orient those parties towards solutions which are globally economical and meet the project goals.

MSG Sphere, Las Vegas, Nevada:
I am the EOR for the special steel framing required for the support of the 170,000 sf LED screen. I supervise the strcutural design of the framing. I sign and seal documents for submittal to the Buidling Official. I perform Construction Administration duities such as RFI, shop drawing review and issuing clarifications. I visit the site for Structral Observation monthly.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
Yes, My New York State PE license lasped in August 2016 due to an oversight on my part. I have now renewed it using the NYS online service.

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Civil, Structural

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

MOHAMMAD REZA SAIEDI (19-295-55)

All work experience reviewed by two licensed professionals

DISCIPLINE: STRUCTURAL

GENERAL

Applying To
Nevada

Application Type
Initial - PE

Application Date
05/15/2019

Citizenship
Canada

SUMMARY

Engineering Experience after EAC degree

Total Engineering Experience
12 years, 1 month

Experience under licensed engineer
None

Other Experience
4 months

Disciplinary Action
None reported

FE EXAM
PE EXAM
SE16 EXAM
NCEES EDU
4+

EDUCATION

Meets NCEES Engineering Education Standard

Bachelors in Civil Engineering
University of Technology Petronas
July 2003–August 2007

Masters in Civil Engineering
Queen's University
September 2007–May 2010

Note: Licensed as a Civil engineer in Nevada, first discipline specific SE license.

EXAMS

Fundamentals of Engineering (FE)
EGBC
September 2018

Principles and Practice of Engineering (PE)
Civil
Oregon
April 2019

NCEES 16HR Structural (SE)
Nevada
October 2021

LICENSES

Initial License
Nevada CE
Issued: July 2019
Expires: June 2022

Additional Licenses
None

WORK EXPERIENCE

Benaim (Malaysia) (now "RB International")
Selangor (Malaysia)
Civil Engineering Intern
December 2005—July 2006

Verified by
Afshin Forouzani
afshin@rbiconsult.com

Experience Summary
Full-Time
Engineering: 7 months
Experience under licensed engineer: None

TASKS

TASKS
Carried out bridge engineering tasks, such as:
* Calculated and combined loads on bridge components
* Performed 2D structural analysis (e.g. dead loads on continuous superstructure)
* Designed reinforced concrete components (e.g. spread footings, pile caps) using BS 5400 (British Standard for bridge design)
* Produced sketches of bridge components (e.g. spread footings, bulkheads) in AutoCAD
* Carried out construction sequencing for precast segmental box girder bridges
* Reviewed shop drawings (e.g. post-tensioning tendon profiles)
* Administered a register of shop drawings
* Checked design drawings as part of internal audits
* Produced quantity estimates (e.g. mass of rebar, volume of concrete), and did value engineering analysis of results (e.g. rebar / concrete ratio)
* Visited bridge sites to inspect construction and observe post-tensioning operations

LEVEL OF RESPONSIBILITY
This was an eight-month university internship (co-op placement) in the third year of my undergraduate degree. I was in a junior role, and assisted senior bridge engineers with whatever they needed.

REPRESENTATIVE PROJECTS

JAMARAT BRIDGE, SAUDI ARABIA
This $1.9 bn four-level structure consists of numerous prestressed concrete segmental box girders spanning 50-80 m, erected side-by-side and stitched transversely to create large column-free areas for pilgrims. My contributions:
1. I sequenced the construction of a segmental box girder to be erected using the balanced cantilever method.
2. I did a value engineering study on material quantities.
3. I designed footings for stacking precast segments.
4. I checked prestressing tendon profiles.
5. I checked and managed a register of shop drawings.

DOHA INTERNATIONAL AIRPORT, QATAR
Midfield Access Road Tunnel:
I produced quantity take-offs and did value engineering calculations.
I produced bar bending schedules.

BALAKONG INTERCHANGE, MALAYSIA
I inspected prestressing operations on site.

KUALA LUMPUR - PUTRAJAYA HIGHWAY, MALAYSIA
I calculated and combined all loads on a pile cap.
I designed a skewed bridge pile-cap to BS5400.

MISCELLANEOUS
I studied the effect of various support types at ends of two beams on the link slab connecting them.

PASIR PANJANG SEMI-EXPRESSWAY
I analyzed a viaduct for the effects of the dead load of extra asphalt added to it.

WORK EXPERIENCE

Bombardier Transportation
Ontario (Canada)
Civil Engineering Intern
March 2009—July 2009

Verified by
Bruce McDonald
bruce.mcdonald@parsons.com

Experience Summary
Full-Time
Other: 4 months
Experience under licensed surveyor: None

TASKS

TASKS
I studied the impact of second pour concrete trackform on the cost of LRT guideway superstructures:
* I checked the design of prestressed segmental box girder guideway of JFK AirTrain in NYC as a case study. This included:
- Calculating and combining loads (dead, superimposed dead, prestressing, live), load effects (moment, shear, stresses), and member resistances (moment, shear)
- Doing design checks at the serviceability and ultimate limit states
- Adjusting the design as required to resist the weight of second pour concrete
- Checking spreadsheet calculations using various computer models (SAP2000, Concise, Response2000)
* I developed and published an engineering design report and cost impact assessment.

LEVEL OF RESPONSIBILITY
This was a four-month internship in the second year of my Master's degree. I carried out the project by myself, with supervision and review by an engineering manager at Bombardier Transportation and a professor at Queen's University.

REPRESENTATIVE PROJECTS

I studied the impact of second pour concrete trackform on the cost of LRT guideway superstructures:
* I checked the design of prestressed segmental box girder guideway of JFK AirTrain in NYC as a case study. This included calculating load demands and member resistances, doing design checks at the serviceability and ultimate limit states, adjusting the design as required to resist the weight of second pour concrete, and verifying spreadsheet calculations using various computer models.
* I developed and published an engineering design report and cost impact assessment.

WORK EXPERIENCE

McCormick Ranking Corporation (now "WSP")
Ontario (Canada)
Structural Engineer-in-Training
February 2010—September 2011

Verified by
Andy Huctwith
andy.huctwith@wsp.com

Experience Summary
Full-Time
Engineering: 1 year, 7 months
Experience under licensed engineer: None

TASKS

1. I designed and checked various bridge components (deck, girders, bearings, abutments, piers, piles) using the Canadian Highway Bridge Design Code.
2. I inspected, evaluated, and load-rated deteriorated bridges. I recommended repairs and produced cost estimates.
3. I inspected construction, measured quantities, and managed payment certificates and submission reviews.

REPRESENTATIVE PROJECTS

BOUNDARY ROAD UNDERPASS, OTTAWA
This 300 m long, 11-span post-tensioned voided slab bridge was built in 1970 and carries two lanes over Highway 417 east of Ottawa. I checked that all bridge components meet current CHBDC requirements. I checked stresses in the prestressed deck under all loading conditions, did transverse analysis using a 3D grillage model of the deck, inspected bridge bearings on site, discussed rehabilitation options, and attended client meetings.

BOMBARDIER MONORAIL TEST TRACK, KINGSTON
This new 1.8 km test track consists of a series of 11.6 m long, 1.5 m deep, straight and curved precast concrete beams, supported on concrete piers of varying heights socketed into bedrock. I completed a detailed analysis and design of the beams, piers and their special connections. I also designed an FRP-reinforced beam, handled submission reviews and made visits to the construction site.

BRIGHTON ROAD SWING BRIDGE, BRIGHTON
Built in 1947, this 45 m long two-span pony truss swing bridge was showing signs of deterioration. I helped with site inspection and completed an analysis, evaluation and load posting of the bridge in its existing state. I then recommended rehabilitation measures, produced cost estimates and compiled a structural evaluation report. In the detailed design phase, I carried out an independent check of the replacement bridge.

HUNTER STREET BRIDGE, PETERBOROUGH
This 11-arch bridge over the Otanabee River has a main arch span of 77 m and was built in 1921. I inspected the construction of approaches, made quantity measurements and helped create payment certificates.

SOUTH-WEST TRANSITWAY EXTENSION, OTTAWA
This new dedicated bus and LRT corridor includes a 300 m tunnel passing under a congested city intersection. As such, a significant stormwater management effort was required. I checked the design of two precast box sewer maintenance holes, two double box culverts, and a retaining wall as part of this effort.

MARIA STREET SWING BRIDGE, PETERBOROUGH
This 34 m long unequal-arm swing bridge on the Trent Severn Waterway was constructed in 1965. I completed a structural analysis, evaluation and load posting of all bridge components. I also made repair recommendations and wrote the structural evaluation report.

JOHN COUNTER BLVD BRIDGE, KINGSTON
This new composite slab-on-girder bridge will carry four lanes of traffic over three 54 m spans. I completed a design review of the Preliminary Bridge Design.

OTHER PROJECTS
I also contributed to other jobs on a smaller scale. I carried out a structural evaluation of Calabogie Bridge in Renfrew County, did preliminary design of Mitchell's Bridge in Kawartha Lakes, inspected the Bear Brook bridges on Highway 417, was involved in the

evaluation of balancing recommendations for the LaSalle Causeway Bridge in Kingston, and supervised a slab pour at the Queen's University MacCorry Entrance.

MOHAMMAD REZA SAIEDI (19-295-55)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Hatch Mott MacDonald (Now "Mott MacDonald")
British Columbia (Canada)
Structural Engineer
October 2011—October 2012

Verified by
Anthony Martin
tony.martin@mottmac.com

Experience Summary
Full-Time
Engineering: 1 year
Experience under licensed engineer: None

TASKS

Structural design of various material-handling facilities proposed for port terminal expansion projects (e.g. conveyors, transfer towers, storage buildings, rail overpass, etc):
* Produced design criteria
* Evaluated existing structures and designed modifications to them as required
* Carried out preliminary design of new structures
* Calculated loads on and resistances of wood, steel, and concrete beams, steel columns, concrete spread footings, steel conveyor trusses, concrete piles, etc.
* Produced preliminary design drawings (produced sketches for drafts-person, reviewed and marked up their work)
* Prepared quantity and cost estimates
* Wrote design reports that describe the functions, features, design criteria, structural system, and construction methods (ground improvements, procurement, installation) of proposed structures

REPRESENTATIVE PROJECTS

I was the lead structural engineer for the Portland Bulk Terminal Expansion Project, OR (Pre-feasibility + Feasibility):
1. I produced designs, drawings and a report for a new storage building, several conveyors and transfer towers.
2. I modeled and evaluated an existing piled wharf for a new shiploader, seismic, and wind loads.
3. I completed a trade-off study and preliminary design for a new rail overpass with tight geometry on poor soils.

WORK EXPERIENCE

WSP
British Columbia (Canada)
Bridge Engineer
November 2012—January 2018

Verified by
Keith Holmes
keith.holmes@wsp.com

Experience Summary
Full-Time
Engineering: 5 years, 2 months
Experience under licensed engineer: None

TASKS

TASKS
Carried out rehabilitation design of existing bridges, and design of new bridges as per the Canadian Highway Bridge Design Code. Typical tasks were as follows:

* Designed various bridge components, including barriers, deck, expansion joints, girders, bearings, pier caps, columns, pile caps, abutments, and piles

* Developed viable schemes for construction staging and traffic management during construction

* Performed static analysis (dead, live, earth, wind, thermal loads) and seismic analysis (response spectrum and push-over analysis) of bridges using 2D or 3D computer models

* Completed condition inspections and load evaluations of existing bridges

* Prepared contract documents for bridge construction, including:
a. Design drawings: produced sketches for drafts-persons, reviewed and marked up their work
b. Special provisions (project-specific construction specifications to supplement the client's standard specifications)
c. Quantity and cost estimates

* Wrote engineering reports, including condition inspection reports, load evaluation reports, renewal options analysis reports, seismic retrofit strategy reports, and preliminary and functional design reports

* Attended client meetings (British Columbia Ministry of Transportation, City of Vancouver), delivered technical presentations, and responded to client questions

* Visited bridge construction sites to verify construction conforms with designs, and wrote field review reports

* Reviewed shop drawings and responded to contractor inquiries

* Managed smaller design projects including design review, client liaison, and control of scope, schedule, and budget

* Wrote structural sections of a bridge design proposal

LEVEL OF RESPONSIBILITY
I started my work at WSP Vancouver as project engineer assisting senior engineers, and progressed to Engineer of Record (responsible for signing and sealing design drawings), followed by Design Lead or Project Manager for smaller projects (leading teams of 2-3 engineers and 1-2 drafts-persons).

REPRESENTATIVE PROJECTS

BRIDGE REHABILITATION

• Agassiz-Rosedale Bridge, Hwy 9, BC MoTI, 2017:
This 1.9 km, two-lane bridge over the Fraser River consists of 86 steel girder approach spans and six truss river spans. I was the design lead for the seismic retrofit, functional upgrades and structural rehabilitation of the approach spans during the Functional

Design Phase. I carried out preliminary seismic analysis of typical approach spans, produced drawings and cost estimates, and wrote parts of and compiled the Functional Design Report.

• Northeast False Creek Project, City of Vancouver, BC, 2017:
I was the Design Lead and Engineer of Record for condition assessment, live load evaluation, and seismic retrofit design for six spans (proposed to be retained) of the Dunsmuir Viaduct.

• Rosedale CPR Overhead, Hwy 9, BC MoTI, 2016:
This existing 77 m-long, two-lane bridge over CN Rail is to undergo a superstructure replacement, deck widening and seismic safety retrofit. The existing superstructure consists of seven simply-supported spans with six kinked girder lines on piers with varying skews. The new widened superstructure comprises five straight girder lines spanning continuously over all piers. I designed the new deck, steel girders, bearings and seismic pins.

• Murray St CPR Overhead, Mission, BC MoTI, 2015:
This existing five-span curved steel girder bridge over CP Rail is to undergo repairs, functional upgrades and a seismic safety retrofit. I completed a site inspection, evaluated the bridge for CL1-625 Trucks, and performed response spectrum and pushover analyses for the seismic assessment. I then completed the detailed design, producing drawings, special provisions and cost estimates. Works included a deck overlay, widened sidewalk, new parapets, link slabs, girder jacking, new bearings, pedestal infills, transverse shear keys, longitudinal restrainers, abutment seat extensions, patch repairs, and various miscellaneous retrofits.

• Capilano Canyon Bridge, North/West Vancouver, Hwy 1, BC MoTI, 2015:
This existing five-span bridge carries Trans-Canada Highway 1 over Capilano River on Vancouver's north shore. I carried out a renewal options analysis to rehabilitate the deteriorating deck. This included researching various deck overlays and protection systems, developing several renewal concepts, and performing a life-cycle cost analysis. I then completed the detailed design of the chosen renewal concept, producing drawings, special provisions and cost estimate. Works include polyester concrete deck overlay, new expansion joints at piers, push-through slabs at abutments, and retrofitted drainage system. I also developed construction staging and traffic management for work over night closures.

• Mission CPR Overhead, Mission, BC MoTI, 2013:
This existing 60 m-long, three-span, precast-girder bridge carries Highway 11 over CP Rail tracks south of Highway 7. I did detailed design for the addition of a new 2 m-wide sidewalk cantilevered on the existing structure, and for seismic retrofits. Widening works included extending and strengthening the piercaps, extending the abutments and adding wing walls, erecting a new line of girders, building new diaphragms, pouring a deck slab, and adding bicycle and railway protection fences. Seismic retrofit works included extending abutment seats and installing girder cable restrainers at the piers. I also prepared the contract documents, provided construction support and wrote field reports.

NEW BRIDGES

• Bissett Creek Detour Bridge, Hwy 97, BC MoTI, 2013:
This 35 m-long portable detour bridge was designed for extraordinary loading and easy re-assembly at multiple sites. It features steel girders with cross-frames and plan bracing, steel pile caps, steel pipe piles, timber ballast walls, full-depth precast concrete deck panels, and bolt-on steel-railings. I was involved with concept development and did all the detailed design.

• Cambie Creek Bridges, Manning Park, Hwy 3, BC MoTI, 2013:
These three new bridges will replace existing bridges on Highway 3 in Manning Park. They consist of prestressed concrete girders spanning 28 m, are supported on steel pipe piles, and are built in two stages. I completed the detailed design, prepared the special provisions and cost estimates, and was the field reviewer during construction. One bridge includes GFRP reinforcement in the barriers and top mat of the deck, as opposed to the stainless steel rebar typically used in BC. Since the Ministry was new to this material, I carried out in-depth technical research and helped them set key design requirements.

WORK EXPERIENCE

Ministry of Transportation and Infrastructure
British Columbia (Canada)
Senior Structural Liaison Engineer
March 2018—December 2021

Verified by
William Szto
Bill.Szto@gov.bc.ca

Experience Summary
Full-Time
Engineering: 3 years, 9 months
Experience under licensed engineer: None

TASKS

1. I oversee and evaluate bridge design projects to ensure adherence to guidelines, standards, specifications and conformance to Ministry policies and objectives. I also provide detailed technical feedback to consultants on their design submissions. These include conceptual, preliminary, and functional design reports, as well as drawings, special provisions (construction specifications), and cost estimates during detailed design.

2. I provide expertise and advice related to the design of bridges and other structures.

3. I identify, select and recommend the engagement of professional engineering consultants to produce detailed designs of bridges and other structures. Where projects are awarded to consultants based on a public competition, I review statements of qualifications (RFQ stage) and technical and fee proposals (RFP stage).

REPRESENTATIVE PROJECTS

• R.W. Bruhn Bridge and Approaches, Highway 1, Sicamous, BC (Sep 2018 - Present): I am the contract manager and structural liaison for the design of a new bridge (~250 m long, four lanes + sidewalk), several retaining walls, four-laning 2.5 km of Highway 1, and intersection and side road upgrades. I prepared the RFQ and RFP, led the evaluation teams to select a consultant, managed multi-disciplinary submission reviews, and completed detailed reviews of structural submissions.

• 264 St to Whatcom Rd, Highway 1, Langley-Abbotsford, BC (Jan-Sep 2021): I was the structural liaison for preliminary design of the replacement, widening, or seismic retrofit of 15 bridges. I wrote a thorough Structures Options Analysis Report, prepared terms of reference, and reviewed consultant reports in detail.

• Kaslo Creek Bridge, Kaslo, BC (Dec 2020): I was the Independent Structural Reviewer for this 47m-long, 3-span bridge.

• H17 Keating Cross Road Flyover, Hwy 17 (Sep 2020): I provided structural proposals as part of a value analysis team.

• Pattullo Bridge Replacement (Oct 2019): I reviewed the design-build proponents' technical submissions for compliance with the Project Agreement and BC MoTI standards. I provided comments as part of the design and quality teams.

• Snass Creek and Nineteen Mile bridges, Manning Park, Highway 3, BC (June-Sep 2018): I was the Coordinating Professional Engineer (CPE) for the preliminary design phase for these two bridge replacement projects. I was the single point of contact and co-ordinated between the various engineering disciplines (structural, highway, geotechnical, hydrotechnical, environmental) to ensure. I also organized a site visit for the project team, and chaired multi-disciplinary design meetings.

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Structural

Other Disciplines

Has a jurisdiction ever revoked, suspended, or disciplined your license? (Please note this includes a consent agreement, letter of reprimand, Etc.) If the action has been resolved a yes answer is still needed.
No

ADDITIONAL INFORMATION

TIME GAPS

Start Date	End Date	Reason	Explanation
06/2002	06/2003	Unemployed	I attended one year of "Pre-University" education in Iran during this period. I have provided the transcripts and certificate to Credential Evaluations.

7. Approval of November 18, 2021 Adoption of Regulations Meeting Minutes

NEVADA STATE BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS
Minutes of the Public Hearing Intent to Act Upon Regulations
Held virtually Thursday, November 18, 2021, at 9:15am

Board members participating were Chairman Michael Kidd, PLS; Vice Chair Thomas Matter, public member; Karen Purcell, PE; Angelo Spata, PE; Matthew Gingerich, PLS; Lynnette Russell, PE; Robert Fyda, PE; and Brent Wright, PE/SE. Also joining were Patty Mamola, Executive Director; Chris MacKenzie, Board Legal Counsel; and Murray Blaney, Operations/Compliance.

There were 12 members of the public participating virtually.

1. Meeting conducted by Chair Michael Kidd, call to order and roll call of board members to determine presence of quorum.

Mr Kidd determined a quorum was present and called the Public Hearing to order at 9:16am.

2. Pledge of Allegiance.

3. Public comment.

There was no public comment.

4. Open hearing for LCB file number R141-20RP1 by Chair Michael Kidd. Presentation, discussion, and adoption of proposed changes to Nevada Administrative Code 625 as drafted by the Nevada Legislative Council Bureau, LCB file number R141-20RP1.

Mr Kidd asked if Mr Spata, as Chair of the Legislative Committee, had any opening remarks.

Mr Spata said the current file was part of the larger full regulatory review which began in 2019. He added the proposed amendments presented had received edits from the LCB and were reviewed by the board at its September 16, 2021, and approved to move forward to today's public hearing.

Mr Spata asked Ms Mamola to review the amendments being proposed.

Ms Mamola said as an overview, the proposed changes to Nevada Administrative Code chapter 625 authorizes the State Board of Professional Engineers and Land Surveyors to designate a Board Liaison to work with the Executive Director of the Board in resolving complaints; changes disciplinary reporting to be submitted to the Board within 60 days, instead of 30 days; revises conditions of probation; revises provisions relating to the establishment of advisory committees; revises provisions relating to the duties of the Executive Director of the Board that relate to advisory committees; revises

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provisions relating to the evaluation and investigation of a complaint by an advisory committee; provides that such advisory committee evaluations and investigations of complaints are not subject to the Open Meeting Law; repeals certain provisions relating to advisory committees; and other minor related edits.

Ms Mamola noted the specifics to each regulation:

→ NAC 625.010 adds a definition for "Board Liaison"

→ NAC 625.640 describes Executive Director and Board Liaison roles related to complaints

→ NAC 625.642 changes licensee reporting of disciplinary action from 30 days to 60 days

→ NAC 625.645 clarifies that any conditions deemed appropriate by the board is limited to those to facilitate probation

→ NAC 625.646 updates the use of an advisory committee as an investigative tool

→ NAC 625.6465 adds details related to establishing advisory committees and also notes that it is not held in a public setting unless requested by the respondent.

→ NAC 625.647 adds details related to function and duties of an advisory committee

→ NAC 625. 6475 updates a respondents rights related to an advisory committee

→ NAC 625.648 is repealed

Ms Mamola said there are two edits of the LCB text and are included in the board's adoption of these regulations—

- NAC 625.6465 (1)(d), remove remanent text, "***Inform the Board of the recommended disposition of the complaint***", that was inadvertently left in the draft language
- NAC 625.6475 (2), change of word from ***"participant"*** to ***"participate"***

Mr Kidd asked if there were any questions from the public relating to the proposed amendments. There were none.

Mr Kidd asked if there was any comment or discussion from board members. There was none.

21-68 A motion was made by Ms Purcell, seconded by Mr Fyda to adopt the changes proposed in LCB file number R141-20RP1. The motion passed unanimously.

5. <u>Public comment.</u>

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There was no public comment.

6. <u>Close hearing for LCB file number R141-20RP1.</u>

Mr Kidd said hearing no public comment, he would bring the hearing to a close.

7. <u>Adjournment.</u>

Mr Kidd thanked the board and the members of the public for their participation and adjourned the public hearing at 9:26am.

Respectfully, Patty Mamola
Executive Director

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8. Approval of November 18, 2021 Regular Board Meeting Minutes

NEVADA STATE BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS
Minutes of the Regular Board Meeting
Held virtually, Thursday, November 18, 2021, at 10AM

Board members participating were Chairman Michael Kidd, PLS; Vice Chair Thomas Matter, public member; Karen Purcell, PE; Angelo Spata, PE; Matthew Gingerich, PLS; Lynnette Russell, PE; Robert Fyda, PE; Greg DeSart, PE; and Brent Wright, PE/SE. Also joining were Patty Mamola, Executive Director; Chris MacKenzie, Board Legal Counsel; and Murray Blaney, Operations/Compliance.

1. Meeting conducted by Chair Michael Kidd, call to order and roll call of board members to determine presence of quorum—board members Karen Purcell, Thomas Matter, Angelo Spata, Matt Gingerich, Robert Fyda, Lynnette Russell, Brent Wright, Greg DeSart.

Ms Mamola conducted a roll call and determined a quorum was present.

2. Pledge of Allegiance

Mr Kidd read the board's purpose and mission.

The purpose of the board as stated in Nevada Revised Statute 625.005 is to safeguard life, health and property and to promote the public welfare by providing for the licensure of qualified and competent professional engineers and professional land surveyors and our mission is founded on the board's purpose, the board's mission is to uphold the value of professional engineering and land surveying licensure by assessing minimum competency for initial entry into the profession and to insure on going standard of professionalism by facilitating compliance with laws regulations and code of practice and to provide understanding and progression in licensure by openly engaging with all stake holders.

3. Public comment.

There was no public comment.

4. Introductions

Board members and staff introduced themselves.

5. Consideration of initial licensure applicant requests to waive certain requirements of Nevada Revised Statutes and Nevada Administrative Code Chapter 625.

There were no waiver requests to be considered.

6. Board approval of non-appearance applications for initial licensure. Refer to Addendum A for list of applicants.

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The Board reviewed twenty-four applications in the board packet for initial licensure and recommendations were made.

21-69 A motion was made by Ms Russell, seconded by Mr Fyda to approve the initial licensure applications contained in the addendum to the board packet as noted. The motion passed unanimously.

7. Discussion and possible action on approval of September 16, 2021, board meeting minutes.

21-70 A motion was made by Ms Purcell seconded by Mr Wright to approve the September 16, 2021, board meeting minutes. The motion passed unanimously.

8. Discussion and possible action on approval of October 14, 2021, special board meeting minutes.

21-71 A motion was made by Mr Spata seconded by Mr Fyda to approve the October 14, 2021, interim board meeting minutes. The motion passed unanimously.

9. Discussion and possible action on financial statements:

a. August 2021

Ms Mamola reviewed the August 2021 financial statements as presented in the board packet. There were no questions from the board.

b. September 2021

Ms Mamola reviewed the September 2021 financial statements as presented in the board packet. There were no questions from the board.

21-72 A motion was made by Ms Russell, seconded by Mr Gingerich to approve the August 2021 and September 2021 financial statements. The motion passed unanimously.

10. Discussion and possible action on compliance reports by Compliance Officer.

a. Compliance officer report on complaints being investigated.

Mr Blaney reported on the status of the eight (8) open compliance case files. There were no questions from board members.

b. Consideration of probation reports:

Dooley Riva, PE #18231
John Skwiot, PE #20561
Lazell Preator, PE #14982
Robert Mercado, PLS #10352

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Ralph Heninger, PE #5191 Timothy Prockish, PE, 12391

Mr Blaney reported on the status of licensees on probation. There were no questions from the board.

11. Discussion and possible action on white paper submitted by Robert Mercado, PLS, license number 010352, complaint number 20210001 —white paper is a term/condition of Mr Mercado's stipulated agreement.

Mr Kidd noted that staff had granted a 30-day extension until December 1, 2021, for the submittal of Mr Mercado's whitepaper. Mr Kidd asked Ms Mamola if Mr Mercado does not meet the extended deadline, and considering his disciplinary action related to him not being timely, would it be appropriate that he be asked to appear before the board at the January meeting.

Ms Mamola said it would. If the whitepaper is not submitted by the revised deadline Mr Mercado will be notified and sent a notice to appear at the January 20, 2022, board meeting.

12. Discussion and possible action on stipulated agreement for Weidong Liu, PE, license number 025669, complaint number 20210006.

Mr MacKenzie gave an overview of the California disciplinary action that resulted in the complaint being filed by the Executive Director. The complaint was reviewed by a board liaison and a stipulated settlement proposed. He said in response, Mr Liu has asked whether he can surrender his Nevada license as opposed to signing the agreement. Mr MacKenzie said the determination isn't for the board to accept a stipulated agreement at this point in time, because he did not sign one, he did not accept the stipulated agreement. It's whether surrendering of his Nevada license is sufficient moving forward, knowing that it's always going to be part of his record in this state, and if that's going to be sufficient to satisfy your concerns with him ever practicing in Nevada. It is an unusual situation to consider. Mr MacKenzie added he believed the surrender could suffice in this instance because the underlying violations were in California – but if they were in Nevada, it would not likely be a viable option.

Mr Spata said he is concerned about not knowing if the pattern of violations committed in California could have also happened in Nevada – and if the agreement were signed, we would have the opportunity to investigate that. That being said, Mr Spata said he accepted the surrender of his Nevada license as sufficient.

Mr Kidd said he would accept the surrender of the license as sufficient.

Mr Matter asked if record of circumstances of his license surrender would be "red flagged" in our licensing system should he ever reapply.

Ms Mamola said the signed rejected stipulated agreement, including note of his license surrender, would be permanently kept on file and attached to his record in the licensing database.

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Mr MacKenzie added that record of his California discipline and underlying actions would also remain part of his permanent record and be considered at time of re-application to Nevada, and likely action taken, if he were to reapply.

Mr DeSart asked whether it makes sense to do a new stipulated agreement, that's where he agrees that he is voluntarily surrendering his license, and that in the event he does apply for licensure in Nevada he would be subject to re-evaluation of the reciprocal disciplinary action.

Mr MacKenzie said it would be a question of whether or not we have the power to deny his surrender of license and disciplining someone that's no longer licensed under our statutes. We can discipline licensed individuals, applicants, and interns, but I'm not sure what basis, if he has now surrendered his license, what basis we would we have to discipline him.

Mr DeSart asked for clarification if Mr Liu had already surrendered his license. Ms Mamola said he had.

21-73 A motion was made by Mr DeSart, seconded by Mr Spata to accept Mr Liu's license surrender with it on the record that in the event he reapplies for licensure in Nevada the circumstances that lead to the stipulated agreement (and the agreement itself) and would be subject to consideration and investigation (including any Nevada projects he was involved with since his first comity licensure in Nevada – amendment by Mr Spata) and would be considered in the reapplication process. The motion passed unanimously. Mr Gingerich abstained as he was the board liaison on the complaint.

13. <u>Discussion on Board Counsel Report.</u>

Mr MacKenzie said that he had two draft stipulated agreements drafted pending staff and board liaison review and comment before being finalized and sent to the respective respondents.

14. <u>Discussion and possible action on issuing an Engineer Intern certificate to Douglas Fellenz.</u>

Mr Kidd said Mr Fellenz had requested that this item be held in closed session.

21-74 A motion was made Mr Fyda, seconded by Mr Gingerich to approve going into closed board session. The motion passed unanimously.

The board interviewed Mr Fellenz in closed session. No minutes were taken.

21-75 A motion was made by Mr Gingerich, seconded by Ms Purcell to approve coming out of closed board session. The motion passed unanimously.

The board deliberated following the closed session interview with Mr Fellenz.

21-76 A motion was made by Mr Spata, seconded by Ms Purcell to issue and Engineering Intern certificate to Mr Fellenz with the following conditions:

- the Engineering Intern certification when issued shall be suspended and then stayed for a period of 24 months and a period of probation shall be imposed during the 24 months stay
- Mr Fellenz shall submit bi-monthly probation reports
- Mr Fellenz shall take an engineering ethics course and provide proof of completion before the end of the probation period
- during the probation period, Mr Fellenz shall disclose this discipline and its circumstances to any organizations or individuals that hire Mr Fellenz

Ms Mamola said an EI application had been received by Mr Fellenz and a certification would be issued to him. She added that following a draft of the Order of the Board and signature by the board chair, it would be forwarded to Mr Fellenz outlining the conditions of the stay and probation period. (ACTION Item)

15. Discussion and possible action on administrative report by Executive Director.

a. Approved licensees report

Ms Mamola reviewed the approved licensees report in the board packet and asked if board members had any comments or questions. There were no questions.

b. Action items related to 2021-2025 Strategic Plan

There were no questions or comments from the board relating to the strategic plan.

c. Items related to National Council of Examiners for Engineering & Surveying (NCEES)

Ms Mamola said this agenda item is related to the National Council of Examiners for Engineering and Surveying and that she had nothing new to report at this time.

d. Consideration of board authorized digital signatures including the possibility of requiring third-party verification of digital signatures, input received from southern and northern Nevada building departments and licensees.

Ms Mamola said this agenda item is a placeholder for any discussion relating to the topic. She added since the Electronic Submittal Digital Signature Guide has published on the board's website things have been going smoothly. Ms Mamola said she had nothing additional to report.

Mr Kidd said the topic can be removed as a standing agenda item. (ACTION Item)

15. Discussion and possible action on board committee reports.

a. Administrative Procedures Oversight Committee, Chair Thomas Matter

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Mr Matter reported that Ms Neilon of Casey Neilon gave an overview of the draft Financial Audit Report. He said Ms Neilon said the audit was conducted in accordance with government accounting standards and there were no compliance or internal control findings, the audit resulted in a clean opinion on the financial statements which is the highest level of assurance that can be given.

Mr Matter said staff gave an overview of the situation with our current vendor relating to the delivery of an upgraded platform. He said the committee recommended the current vendor be put on notice and a firm delivery date be requested. Mr Matter added that staff had requested permission to explore developing a scope of work and explore other vendor options, which the committee approved.

Mr Matter said the committee gave staff approval to seek proposal/cost estimate to upgrade cameras from USB to video over IP, and to add an additional room viewer camera to serve virtual meeting participants when in-person board and committee meetings resume. Mr Matter said the project cost estimate would be presented to the board for consideration at a future meeting.

i. Discussion and possible action on independent financial audit report for fiscal year 2020-2021.

21-77 A motion was made by Ms Purcell, seconded by Mr Spata to approve the financial audit report for the 2020-2021 fiscal year. The motion passed unanimously.

b. Legislative Committee report, Chair Angelo Spata

Mr Spata said there was no update since the last board meeting, other than completion of the public hearing earlier this morning which saw the approval of the final group of regulatory amendments. Mr Spata said he would schedule a future meeting to work on the remaining list of actions items.

c. Professional Association Liaison Committee, Chair Brent Wright

Mr Wright reported that the committee had met this morning and those participating gave an update on their organization's activities. He added that there was no item of note to be reported to the board.

d. Public Outreach Committee, Chair Robert Fyda

Mr Fyda said there was nothing to report since the last board meeting. He added he would connect with Ms Mamola and Mr Vogel to schedule a committee meeting in January before the next board meeting. (ACTION Item)

e. PLS Standards of Practice Subcommittee of the Legislative Committee, Chair Matt Gingerich

Mr Gingerich reported that the committee was planning to reconvene in the new year.

f. Committee for Planning and Hosting of 2022 NCEES Western Zone Meeting in Nevada, Chair

Karen Purcell

Ms Purcell reported the committee met last week and discussed event outline and possible speakers for the event. She added there was a discussion about giveaway swag and whether contributions of items can be made by board member's firms in addition to the NCEES budgeted gift – and the committee was looking to Mr MacKenzie for a clarification.

Mr MacKenzie said having an exclusive avenue for firms connected to board members would be problematic. He said any opportunity to contribute would need to be open to all.

17. Discussion and possible action on budget augmentation for equipment in the amount of $5,000 to purchase desktop computer to replace existing computer nearing its end of use and to increase computing memory and speed.

Ms Mamola said we're looking to upgrade at least one of our computers in our office to enable website and graphic capabilities. We're also looking at replacing the monitors as our current desktop computers don't have the ability for audio visual. Ms Mamola said we are asking board approval for a budget augmentation in the amount of $5,000 for the purchases.

21-78 A motion was made by Mr Fyda, seconded by Mr DeSart to approve a budget augmentation in the amount of $5,000. The motion passed unanimously.

18. Discussion and possible action on board liaison, Greg DeSart's report on City of Henderson Quality of Plan Submittal Task Force.

Mr DeSart said the taskforce was making good progress. Meetings have been held monthly with a core attendance of 15-20 people, and we have a good geographic representation across the state. The meetings have been a great opportunity to encourage dialogue and to raise awareness of the different perspectives. He added City of Henderson is leading the taskforce and Ed McGuire is the chair, it is not a board led function and his roll is as a liaison only.

Mr DeSart said in the series of meeting the initial implication was the issues with plan submittals lay mainly with the competence of the licensees submitting, but as the taskforce dug deeper it become apparent that the entities also had room for improvement in terms of consistencies of their reviews and inconsistency of applying review requirements.

Mr DeSart said the current action item is for Mr McGuire and Mr Fitzgerald to draft a list of best practices based on the summary of topics that have been discussed by the taskforce, that will then be circulated internally within the group to build a general consensus. The group is wanting to come up with best practices that entities can use to encourage good submittals and improve the submittal quality, and then also be used by engineers to have more consistency in the submittals itself. The finished document would then be public and used as a guide for the submittal process – and possibly be endorsed by the board after review and consideration – and possibly become an addendum to the

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"Blue Book".

Mr Spata said it sounds like some progress has been made, and that there is some genuine understanding of each side's perspective. He added it that it is good that those directly involved in the process are working together to find a solution.

Mr Fyda asked if the representation on the entity side had mainly been at the local level, or were some state agencies involved.

Ms Mamola said NDEP had been engaged from the outset and there had been some involvement from NDOT, but any state agency is more than welcome to participate.

19. Discussion and possible action on Nevada Administrative Code 625.260(2).

Mr Wright said the item relates to a question asked of him by a civil engineer regarding the regulation and its clarity. He said the question had been posed before and there may be a need for some discussion to clarify the intent of that section of the regulation.

Ms Mamola said she was on the board at the time the regulation was amended and the intent was that someone who is not licensed as an SE can design a component part of a building greater than 45 ft in height, with component part being something not integral or impacting the structural integrity of the building. She added, reading the section there can be some ambiguity relating to that section of text and it may need reconsideration to improve the clarity

Mr Wright said the instance he was questioned about was a propriety component part was of a special moment frame of a building over 45 ft that required special expertise – and the engineer with that expertise was not licensed as a SE in Nevada.

Ms Mamola said in that situation if the reviewing entity was not familiar with the system or comfortable with a CE with the expertise doing the design, they are within their purview to mandate a SE. She added it may be best to move this to the legislative committee to consider the clarity of the section and issue of special expertise of a non-structural, and the board could involve SEASoNs and ASCE in the discussion and recommendations.

Mr Wright agreed and said there could be a few different ways that this could be handled and clarified and make it so that a licensed civil engineer, that is an expert in specialized components that may not be a structural engineer, could work in conjunction with the overall structural engineer of record for the building to make sure that the whole system works well together.

Ms Mamola said the item would be noted as an action item and put it on the agenda for the next legislative committee meeting. (ACTION Item)

20. Discussion and possible action on information provided by government liaison

representative from McDonald Carano related to Nevada's legislative special session and other board related matters.

Ms Warden gave an overview of the special session and its impacts and asked if there were any board member questions. There were none.

21. Discussion and possible action on status of Board and staff assignments.

Ms Mamola said the action item list and status of board and staff assignments is shown in the board packet. The list included all action items from board meetings as well as committees so that anyone who is interested can see all action items in one document. Ms Mamola asked if any clarifications were needed or if the board had questions. There were none.

22. Discussion and possible action on meeting dates.

Ms Mamola asked if there were any questions related to future meeting dates.

Mr DeSart asked that in addition to calendar invites being sent for all board and committee meetings, that save the date reminders be included for any future NCEES meetings and events. (ACTION Item)

23. Discussion and identification of topics for future meetings including possible proposed amendments to the Nevada Professional Engineers and Land Surveyors Law, Nevada Revised Statutes and Nevada Administrative Code Chapter 625.

Mr DeSart said relating to the adopted regulation requiring PDHs in ethics and review of Nevada statutes and regulations, he would like to discuss at a future board meeting whether the board should, a) develop an offer that training and or b) if the board could or should come up with some options that they could post on the website - links to other trainings that the board considers acceptable or something similar – to help licensees understand what is considered acceptable. (ACTION Item)

24. Public comment.

There was no public comment.

25. Adjournment

Mr Kidd thanked the board members for their participation and adjourned the meeting at 11:55am.

Respectfully, Patty Mamola
Executive Director

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9. Approval of December 9, 2021 Special Board Meeting Minutes

NEVADA STATE BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS
Minutes of the Interim Board Meeting
Held virtually, Thursday, December 9, 2021, at 9:15AM

Board members participating were Vice Chair Thomas Matter, public member; Angelo Spata, PE; Matthew Gingerich, PLS; Brent Wright, PE/SE; Karen Purcell, PE; and Greg DeSart, PE. Also joining were Patty Mamola, Executive Director; Chris MacKenzie, Board Counsel; and Jasmine Bailey, Licensing Specialist. Michael Kidd, PLS; Robert Fyda, PE; and Lynnette Russell, PE, were excused.

1. Meeting conducted by Vice Chair Thomas Matter, call to order and roll call of board members to determine presence of quorum—board members Michael Kidd (excused), Karen Purcell, Angelo Spata, Brent Wright, Matt Gingerich, Robert Fyda (excused), Lynnette Russell (excused), Greg DeSart.

Ms Mamola conducted a roll call and determined a quorum was present.

2. Pledge of Allegiance

3. Public comment.

There was no public comment.

4. Consideration of initial licensure applicant requests to waive certain requirements of Nevada Revised Statutes and Nevada Administrative Code Chapter 625.

There were no waivers to be considered.

5. Board approval of non-appearance applications for initial licensure. Refer to Addendum A for list of applicants.

The Board reviewed nine applications in the board packet for initial licensure and recommendations were made.

21-79 A motion was made by Ms Purcell, seconded by Mr Gingerich to approve the initial licensure applications contained in the addendum to the board packet with recommendations noted. The motion passed unanimously. Mr Kidd, Ms Russell, and Mr Fyda were absent from the vote.

6. Discussion and possible action on budget augmentation for equipment in the amount of $17,500 to purchase four new cameras—adding two and replacing two older technology cameras—for the Reno and Las Vegas office A/V systems.

Ms Mamola introduced the agenda item and explained the need for the camera system upgrade.

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21-80 A motion was made by Mr Spata, seconded by Mr DeSart to approve a budget augmentation in the amount of $17,500. The motion passed unanimously. Mr Kidd, Ms Russell, and Mr Fyda were absent from the vote.

7. Public comment

There was no public comment.

8. Adjournment

Mr Matter thanked the board members for their participation and adjourned the meeting at 9:25am.

Respectfully, Patty Mamola
Executive Director

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10. Financial Statements

10.a. October 2021

Nevada Board of Professional Engineers & Land Surveyors
Profit & Loss Budget Performance
October 2021

	Oct 21	Budget	$ Over Budget	% of Budget	Jul - Oct 21	YTD Budget	$ Over Budget	% of Budget	Annual Budget
Ordinary Income/Expense									
Income									
4000 · REVENUE	99,319.35	65,983.34	33,336.01	150.5%	239,955.16	147,583.36	92,371.80	162.6%	924,300.00
Total Income	99,319.35	65,983.34	33,336.01	150.5%	239,955.16	147,583.36	92,371.80	162.6%	924,300.00
Gross Profit	99,319.35	65,983.34	33,336.01	150.5%	239,955.16	147,583.36	92,371.80	162.6%	924,300.00
Expense									
5100 · PAYROLL EXPENSES	38,164.90	54,635.84	-16,470.94	69.9%	134,576.70	208,838.80	-74,262.10	64.4%	616,811.96
5110 · PAYROLL TAXES	2,969.67	3,118.77	-149.10	95.2%	9,210.07	12,475.08	-3,265.01	73.8%	40,013.04
6001 · OPERATING EXPENSES	30,328.50	54,780.33	-24,451.83	55.4%	91,945.56	180,065.32	-88,119.76	51.1%	526,692.00
Total Expense	71,463.07	112,534.94	-41,071.87	63.5%	235,732.33	401,379.20	-165,646.87	58.7%	1,183,517.00
Net Ordinary Income	27,856.28	-46,551.60	74,407.88	-59.8%	4,222.83	-253,795.84	258,018.67	-1.7%	-259,217.00
Net Income	**27,856 .28**	**-46,551 .60**	**74,407 .88**	**-59 .8%**	**4,222 .83**	**-253,795 .84**	**258,018 .67**	**-1.7%**	**-259,217 .00**

Nevada Board of Professional Engineers & Land Surveyors
Profit & Loss YTD Comparison
October 2021

	Oct 21	Jul - Oct 21
Ordinary Income/Expense		
Income		
4000 · REVENUE		
4201 · Application Fees		
4202 · PE Comity Application	9,775.00	46,525.00
4203 · PLS Comity Application	125.00	250.00
4204 · PE Initial License Application	425.00	7,075.00
4205 · PLS Initial License Application	25.00	50.00
4206 · PE Reinstatement Application	400.00	5,000.00
4207 · PLS Reinstatement Application	75.00	275.00
4208 · EI Certification Application	4,250.00	6,100.00
Total 4201 · Application Fees	15,075.00	65,275.00
4250 · Renewals & Exam Fees		
4251 · PE/PLS Renewals	52,175.00	102,875.00
4253 · PE License Fees	8,475.00	23,900.00
4254 · PLS License Fees	0.00	150.00
4255 · NV Specific Exam Fees	500.00	900.00
Total 4250 · Renewals & Exam Fees	61,150.00	127,825.00
4300 · Other Revenue		
4301 · Replacement Certificate/Pocket	85.00	175.00
4303 · Interest Income	487.35	2,308.16
4304 · Discipline Pd to NV Gen Fund	4,000.00	4,000.00
4305 · Investigative Cost Recovery	2,697.00	5,197.00
4307 · Firm Registration	15,775.00	35,125.00
4311 · Waiver/Document Fees	50.00	50.00
Total 4300 · Other Revenue	23,094.35	46,855.16
Total 4000 · REVENUE	99,319.35	239,955.16
Total Income	99,319.35	239,955.16
Gross Profit	99,319.35	239,955.16
Expense		
5100 · PAYROLL EXPENSES		
5102 · Employee Health Insurance	2,817.34	10,028.58
5103 · Employee IRA/SEP	4,717.56	8,969.14
5105 · Payroll Service Fees	114.12	442.93
5107 · Salaries	30,515.88	114,536.05
5108 · Board Salaries	0.00	600.00
Total 5100 · PAYROLL EXPENSES	38,164.90	134,576.70
5110 · PAYROLL TAXES		
5111 · FICA	1,891.99	7,101.23
5113 · Medicare	442.47	1,660.77
5114 · Modified Business Tax	613.07	340.02
5116 · SUINV	22.14	108.05
Total 5110 · PAYROLL TAXES	2,969.67	9,210.07
6001 · OPERATING EXPENSES		
Non State Owned Office Bldg.		
6002 · Rent		
6002.1 · Sub-Lease	0.00	-2,741.47
6002 · Rent - Other	7,090.49	28,361.96
Total 6002 · Rent	7,090.49	25,620.49

Nevada Board of Professional Engineers & Land Surveyors
Profit & Loss YTD Comparison
October 2021

	Oct 21	Jul - Oct 21
6004 · Utilities	0.00	189.71
6005 · Telephone/Internet	637.87	2,769.84
Total Non State Owned Office Bldg.	7,728.36	28,580.04
6006 · Office Supplies	489.09	3,520.05
6007 · Equipment/Furniture		
6010 · Equipment Purchases	0.00	418.26
6011 · Equipment Leasing	236.24	944.44
6012 · Software		
6012.5 · Software	64.49	402.08
Total 6012 · Software	64.49	402.08
Total 6007 · Equipment/Furniture	300.73	1,764.78
6101 · Insurance		
6102 · Workers Comp	0.00	100.00
6103 · General Liability	1,110.20	1,110.20
Total 6101 · Insurance	1,110.20	1,210.20
6201 · Postage		
6202 · Postage	671.37	1,744.77
6202.5 · E-Postage	630.00	630.00
6205 · Postage Renewals	0.00	1,300.00
Total 6201 · Postage	1,301.37	3,674.77
6301 · Board Meetings		
6303 · Travel - In State	0.00	1,205.66
6304 · Board Meeting Expenses	0.00	1,393.92
Total 6301 · Board Meetings	0.00	2,599.58
6401 · Printing		
6402 · Printing General	1,446.48	1,446.48
Total 6401 · Printing	1,446.48	1,446.48
6501 · Professional Services		
6502 · Legal		
6503 · Board Meetings	2,320.00	5,307.00
6504 · Regulations/Legislation		
6504.1 · Deferred Exp-Regs/Legislation	435.00	435.00
Total 6504 · Regulations/Legislation	435.00	435.00
6505 · Discipline	1,798.00	3,335.00
Total 6502 · Legal	4,553.00	9,077.00
6508 · Accounting Fees	1,657.50	4,165.00
6509 · Governemnt Liaison Services		
6509.5 · Government Liaison	1,600.00	6,400.00
Total 6509 · Governemnt Liaison Services	1,600.00	6,400.00
6510 · Database/Website Design		
6510.1 · Deferred Exp-Website Update	0.00	550.00
6510.5 · Database/Website Design	0.00	237.50
Total 6510 · Database/Website Design	0.00	787.50
6511 · Public Outreach	300.00	300.00

Nevada Board of Professional Engineers & Land Surveyors
Profit & Loss YTD Comparison
October 2021

	Oct 21	Jul - Oct 21
6514 · Contract Labor		
6514.1 · Def Exp-Contract Labor	798.04	2,276.10
6514 · Contract Labor - Other	0.00	410.26
Total 6514 · Contract Labor	798.04	2,686.36
6515 · IT Support	967.00	3,868.00
Total 6501 · Professional Services	9,875.54	27,283.86
6601 · Program Services		
6616 · Merchant Services Fees	1,810.89	9,737.72
6630 · LAS Office Support	1,244.00	1,244.00
Total 6601 · Program Services	3,054.89	10,981.72
6700 · Other		
6702 · Discipline Pd to NV Gen Fund	4,000.00	4,000.00
6704 · State Administrative Fees		
6709 · Email - EITS	281.79	1,177.85
Total 6704 · State Administrative Fees	281.79	1,177.85
6720 · Miscellaneous	0.00	2,106.35
Total 6700 · Other	4,281.79	7,284.20
6801 · Training & Conferences		
6802 · Travel - Out of State	740.05	3,469.83
6803 · Travel - In State	0.00	130.05
Total 6801 · Training & Conferences	740.05	3,599.88
Total 6001 · OPERATING EXPENSES	30,328.50	91,945.56
Total Expense	71,463.07	235,732.33
Net Ordinary Income	27,856.28	4,222.83
Net Income	**27,856 .28**	**4,222 .83**

Nevada Board of Professional Engineers & Land Surveyors
Balance Sheet
As of October 31, 2021

	Oct 31, 21
ASSETS	
Current Assets	
Checking/Savings	
1001 · ASSETS	2,434,207.74
Total Checking/Savings	2,434,207.74
Other Current Assets	
1305 · Prepaid Expense	14,840.49
1310 · Prepaid Lease/Deposit	5,005.00
Total Other Current Assets	19,845.49
Total Current Assets	2,454,053.23
TOTAL ASSETS	**2,454,053 .23**
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 · Accounts Payable	6,348.73
Total Accounts Payable	6,348.73
Credit Cards	
2025 · Western Alliance Bank CC	723.24
Total Credit Cards	723.24
Other Current Liabilities	
2001 · PAYROLL LIABILITIES	22,468.16
4100 · Deferred Revenue	808,399.69
Total Other Current Liabilities	830,867.85
Total Current Liabilities	837,939.82
Total Liabilities	837,939.82
Equity	
3510 · Website Phase 2	30,000.00
3520 · Data System Upgrade	175,000.00
3530 · Electronic/Digital Pathway	175,000.00
3900 · Retained Earnings	1,231,890.58
Net Income	4,222.83
Total Equity	1,616,113.41
TOTAL LIABILITIES & EQUITY	**2,454,053 .23**

Nevada Board of Professional Engineers & Land Surveyors
Balance Sheet Detail
As of October 31, 2021

	Oct 31, 21	
ASSETS		
Current Assets		
Checking/Savings		
1001 · ASSETS		
1051 · First Indep. Bank - Operating	209,420.84	
1052 · First Indep. Bank - Payroll	86,742.98	
1053 · First Indep. Bank - Petty Cash	2,537.94	
1054 · First Indep. Bank - MMA	562,623.98	
1055 · First Indep. Bank - 24mo CD	530,383.76	
1056 · First Indep. Bank - 18mo CD	264,220.03	
1057 · First Indep. Bank - 12mo CD	262,341.58	
1058 · First Indep. Bank - 24mo FlexCD	515,936.63	
Total 1001 · ASSETS		2,434,207.74
Total Checking/Savings		2,434,207.74
Other Current Assets		
1305 · Prepaid Expense		14,840.49
1310 · Prepaid Lease/Deposit		5,005.00
Total Other Current Assets		19,845.49
Total Current Assets		2,454,053.23
TOTAL ASSETS		**2,454,053 .23**
LIABILITIES & EQUITY		
Liabilities		
Current Liabilities		
Accounts Payable		
2000 · Accounts Payable		6,348.73
Total Accounts Payable		6,348.73
Credit Cards		
2025 · Western Alliance Bank CC		723.24
Total Credit Cards		723.24
Other Current Liabilities		
2001 · PAYROLL LIABILITIES		
2002 · Accrued Benefits	22,468.16	
Total 2001 · PAYROLL LIABILITIES		22,468.16
4100 · Deferred Revenue		808,399.69
Total Other Current Liabilities		830,867.85
Total Current Liabilities		837,939.82
Total Liabilities		837,939.82
Equity		
3510 · Website Phase 2		30,000.00
3520 · Data System Upgrade		175,000.00
3530 · Electronic/Digital Pathway		175,000.00
3900 · Retained Earnings		1,231,890.58
Net Income		4,222.83
Total Equity		1,616,113.41
TOTAL LIABILITIES & EQUITY		**2,454,053 .23**

10.b. November 2021

Nevada Board of Professional Engineers & Land Surveyors
Profit & Loss Budget Performance
November 2021

	Nov 21	Budget	$ Over Budget	% of Budget	Jul - Nov 21	YTD Budget	$ Over Budget	% of Budget	Annual Budget
Ordinary Income/Expense									
Income									
4000 · REVENUE	105,376.56	123,983.33	-18,606.77	85.0%	345,331.72	271,566.69	73,765.03	127.2%	924,300.00
Total Income	105,376.56	123,983.33	-18,606.77	85.0%	345,331.72	271,566.69	73,765.03	127.2%	924,300.00
Gross Profit	105,376.56	123,983.33	-18,606.77	85.0%	345,331.72	271,566.69	73,765.03	127.2%	924,300.00
Expense									
5100 · PAYROLL EXPENSES	35,981.25	49,783.56	-13,802.31	72.3%	170,557.95	258,622.36	-88,064.41	65.9%	616,811.96
5110 · PAYROLL TAXES	2,518.49	3,118.77	-600.28	80.8%	11,728.56	15,593.85	-3,865.29	75.2%	40,013.04
6001 · OPERATING EXPENSES	28,061.58	40,103.33	-12,041.75	70.0%	120,007.14	220,168.65	-100,161.51	54.5%	526,692.00
Total Expense	66,561.32	93,005.66	-26,444.34	71.6%	302,293.65	494,384.86	-192,091.21	61.1%	1,183,517.00
Net Ordinary Income	38,815.24	30,977.67	7,837.57	125.3%	43,038.07	-222,818.17	265,856.24	-19.3%	-259,217.00
Net Income	**38,815 .24**	**30,977 .67**	**7,837 .57**	**125 .3%**	**43,038 .07**	**-222,818 .17**	**265,856 .24**	**-19 .3%**	**-259,217 .00**

Nevada Board of Professional Engineers & Land Surveyors
Profit & Loss YTD Comparison
November 2021

	Nov 21	Jul - Nov 21
Ordinary Income/Expense		
Income		
4000 · REVENUE		
4201 · Application Fees		
4202 · PE Comity Application	11,375.00	57,900.00
4203 · PLS Comity Application	125.00	375.00
4204 · PE Initial License Application	450.00	7,525.00
4205 · PLS Initial License Application	0.00	50.00
4206 · PE Reinstatement Application	800.00	5,800.00
4207 · PLS Reinstatement Application	0.00	275.00
4208 · EI Certification Application	750.00	6,850.00
Total 4201 · Application Fees	13,500.00	78,775.00
4250 · Renewals & Exam Fees		
4251 · PE/PLS Renewals	74,250.00	177,125.00
4253 · PE License Fees	3,635.00	27,535.00
4254 · PLS License Fees	100.00	250.00
4255 · NV Specific Exam Fees	200.00	1,100.00
4250 · Renewals & Exam Fees - Other	800.00	800.00
Total 4250 · Renewals & Exam Fees	78,985.00	206,810.00
4300 · Other Revenue		
4301 · Replacement Certificate/Pocket	5.00	180.00
4303 · Interest Income	486.56	2,794.72
4304 · Discipline Pd to NV Gen Fund	0.00	4,000.00
4305 · Investigative Cost Recovery	1,000.00	6,197.00
4307 · Firm Registration	11,400.00	46,525.00
4311 · Waiver/Document Fees	0.00	50.00
Total 4300 · Other Revenue	12,891.56	59,746.72
Total 4000 · REVENUE	105,376.56	345,331.72
Total Income	105,376.56	345,331.72
Gross Profit	105,376.56	345,331.72
Expense		
5100 · PAYROLL EXPENSES		
5102 · Employee Health Insurance	3,838.75	13,867.33
5103 · Employee IRA/SEP	0.00	8,969.14
5105 · Payroll Service Fees	124.12	567.05
5107 · Salaries	31,455.88	145,991.93
5108 · Board Salaries	562.50	1,162.50
Total 5100 · PAYROLL EXPENSES	35,981.25	170,557.95
5110 · PAYROLL TAXES		
5111 · FICA	1,950.25	9,051.48
5113 · Medicare	456.12	2,116.89
5114 · Modified Business Tax	0.00	340.02
5116 · SUINV	19.20	127.25
5117 · SUI	92.92	92.92
Total 5110 · PAYROLL TAXES	2,518.49	11,728.56
6001 · OPERATING EXPENSES		
Non State Owned Office Bldg.		
6002 · Rent		
6002.1 · Sub-Lease	-881.52	-3,622.99
6002 · Rent - Other	0.00	28,361.96
Total 6002 · Rent	-881.52	24,738.97

Nevada Board of Professional Engineers & Land Surveyors
Profit & Loss YTD Comparison
November 2021

	Nov 21	Jul - Nov 21
6004 · Utilities	270.73	460.44
6005 · Telephone/Internet	718.05	3,487.89
Total Non State Owned Office Bldg.	107.26	28,687.30
6006 · Office Supplies	350.05	3,870.10
6007 · Equipment/Furniture		
6010 · Equipment Purchases	0.00	418.26
6011 · Equipment Leasing	250.82	1,195.26
6012 · Software		
6012.5 · Software	94.48	496.56
Total 6012 · Software	94.48	496.56
Total 6007 · Equipment/Furniture	345.30	2,110.08
6101 · Insurance		
6102 · Workers Comp	0.00	100.00
6103 · General Liability	0.00	1,110.20
Total 6101 · Insurance	0.00	1,210.20
6201 · Postage		
6202 · Postage	630.73	2,375.50
6202.5 · E-Postage	315.00	945.00
6205 · Postage Renewals	0.00	1,300.00
Total 6201 · Postage	945.73	4,620.50
6301 · Board Meetings		
6303 · Travel - In State	0.00	1,205.66
6304 · Board Meeting Expenses	14.00	1,407.92
Total 6301 · Board Meetings	14.00	2,613.58
6401 · Printing		
6402 · Printing General	-723.24	723.24
Total 6401 · Printing	-723.24	723.24
6501 · Professional Services		
6502 · Legal		
6503 · Board Meetings	174.00	5,481.00
6504 · Regulations/Legislation		
6504.1 · Deferred Exp-Regs/Legislation	58.00	493.00
Total 6504 · Regulations/Legislation	58.00	493.00
6505 · Discipline	638.00	3,973.00
Total 6502 · Legal	870.00	9,947.00
6508 · Accounting Fees	16,252.50	20,417.50
6509 · Governemnt Liaison Services		
6509.5 · Government Liaison	1,600.00	8,000.00
Total 6509 · Governemnt Liaison Services	1,600.00	8,000.00
6510 · Database/Website Design		
6510.1 · Deferred Exp-Website Update	0.00	550.00
6510.5 · Database/Website Design	0.00	237.50
Total 6510 · Database/Website Design	0.00	787.50
6511 · Public Outreach	0.00	300.00

Nevada Board of Professional Engineers & Land Surveyors
Profit & Loss YTD Comparison
November 2021

	Nov 21	Jul - Nov 21
6514 · Contract Labor		
6514.1 · Def Exp-Contract Labor	494.56	2,770.66
6514 · Contract Labor - Other	0.00	410.26
Total 6514 · Contract Labor	494.56	3,180.92
6515 · IT Support	967.00	4,835.00
Total 6501 · Professional Services	20,184.06	47,467.92
6601 · Program Services		
6616 · Merchant Services Fees	5,519.90	15,257.62
6630 · LAS Office Support	890.00	2,134.00
Total 6601 · Program Services	6,409.90	17,391.62
6700 · Other		
6702 · Discipline Pd to NV Gen Fund	0.00	4,000.00
6704 · State Administrative Fees		
6709 · Email - EITS	156.55	1,334.40
Total 6704 · State Administrative Fees	156.55	1,334.40
6720 · Miscellaneous	0.00	2,106.35
Total 6700 · Other	156.55	7,440.75
6801 · Training & Conferences		
6802 · Travel - Out of State	271.97	3,741.80
6803 · Travel - In State	0.00	130.05
Total 6801 · Training & Conferences	271.97	3,871.85
Total 6001 · OPERATING EXPENSES	28,061.58	120,007.14
Total Expense	66,561.32	302,293.65
Net Ordinary Income	38,815.24	43,038.07
Net Income	**38,815 .24**	**43,038 .07**

Nevada Board of Professional Engineers & Land Surveyors
Balance Sheet
As of November 30, 2021

	Nov 30, 21
ASSETS	
Current Assets	
Checking/Savings	
1001 · ASSETS	2,465,019.83
Total Checking/Savings	2,465,019.83
Other Current Assets	
1305 · Prepaid Expense	22,189.49
1310 · Prepaid Lease/Deposit	5,005.00
Total Other Current Assets	27,194.49
Total Current Assets	2,492,214.32
TOTAL ASSETS	**2,492,214 .32**
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 · Accounts Payable	5,954.35
Total Accounts Payable	5,954.35
Credit Cards	
2025 · Western Alliance Bank CC	463.47
Total Credit Cards	463.47
Other Current Liabilities	
2001 · PAYROLL LIABILITIES	22,468.16
4100 · Deferred Revenue	808,399.69
Total Other Current Liabilities	830,867.85
Total Current Liabilities	837,285.67
Total Liabilities	837,285.67
Equity	
3510 · Website Phase 2	30,000.00
3520 · Data System Upgrade	175,000.00
3530 · Electronic/Digital Pathway	175,000.00
3900 · Retained Earnings	1,231,890.58
Net Income	43,038.07
Total Equity	1,654,928.65
TOTAL LIABILITIES & EQUITY	**2,492,214 .32**

Nevada Board of Professional Engineers & Land Surveyors
Balance Sheet Detail
As of November 30, 2021

	Nov 30, 21	
ASSETS		
Current Assets		
Checking/Savings		
1001 · ASSETS		
1051 · First Indep. Bank - Operating	275,570.89	
1052 · First Indep. Bank - Payroll	53,377.93	
1053 · First Indep. Bank - Petty Cash	2,537.94	
1054 · First Indep. Bank - MMA	562,670.22	
1055 · First Indep. Bank - 24mo CD	530,541.42	
1056 · First Indep. Bank - 18mo CD	264,298.57	
1057 · First Indep. Bank - 12mo CD	262,397.28	
1058 · First Indep. Bank - 24mo FlexCD	516,085.05	
1001 · ASSETS - Other	-2,459.47	
Total 1001 · ASSETS		2,465,019.83
Total Checking/Savings		2,465,019.83
Other Current Assets		
1305 · Prepaid Expense		22,189.49
1310 · Prepaid Lease/Deposit		5,005.00
Total Other Current Assets		27,194.49
Total Current Assets		2,492,214.32
TOTAL ASSETS		2,492,214 .32
LIABILITIES & EQUITY		
Liabilities		
Current Liabilities		
Accounts Payable		
2000 · Accounts Payable		5,954.35
Total Accounts Payable		5,954.35
Credit Cards		
2025 · Western Alliance Bank CC		463.47
Total Credit Cards		463.47
Other Current Liabilities		
2001 · PAYROLL LIABILITIES		
2002 · Accrued Benefits	22,468.16	
Total 2001 · PAYROLL LIABILITIES		22,468.16
4100 · Deferred Revenue		808,399.69
Total Other Current Liabilities		830,867.85
Total Current Liabilities		837,285.67
Total Liabilities		837,285.67
Equity		
3510 · Website Phase 2		30,000.00
3520 · Data System Upgrade		175,000.00
3530 · Electronic/Digital Pathway		175,000.00
3900 · Retained Earnings		1,231,890.58
Net Income		43,038.07
Total Equity		1,654,928.65
TOTAL LIABILITIES & EQUITY		2,492,214 .32

10.c. December 2021

[not available at time the board packet was published]

11. Compliance Officer Report

11.a. Compliance Report

11. a. Compliance Investigations

Currently there are six (6) cases to report on:

1. 20210004 – Incompetency/negligence in surveying
   Investigation complete

2. 20210007 – Unlicensed practice of engineering
   Investigation complete

3. 20210008 – Failure to act as faithful agent
   Investigation complete

4. 20210010 – Plagiarism
   Investigation complete

5. 20210011 – Failure to act as faithful agent
   In the investigative stage

6. 20210012 – Failure to act as faithful agent
   Investigation complete

1. 20210004 – Incompetency/negligence in surveying

Summary:
Alleged a land surveyor produced an inaccurate survey resulting in proposed building being sited within a utility easement.
Status:
Stipulated settlement signed by respondent and to be considered by the board.

2. 20210007 – Unlicensed practice of engineering

Summary:
Complaint arose from a dispute between a developer and engineer regarding service delivery and payment of invoices, where the complainant discovered the PE was not currently licensed in Nevada.
Status:
Stipulated settlement signed by respondent and to be considered by the board.

3. 20210008 – Failure to act as faithful agent

Summary
Allegation of failure to deliver contracted services in a timely manner has been made against a civil engineer.
Status:
Case under board liaison review.

4. 20210010 – Plagiarism

Summary:
Civil engineer alleges another engineering firm has plagiarized his design and represented it as their own.
Status:
Case under board liaison review.

5. 20210011 – Failure to act as faithful agent

Summary
Allegations by a developer against a civil engineer for failure to act as faithful agent on residential subdivision project in Las Vegas.
Status:
In the investigative stage.

6. 20210012 – Failure to act as faithful agent

Summary
A developer has made allegations against a civil engineer for failure to act as faithful agent on a townhouse in-fill project in Henderson.
Status:
Case under board liaison review.

11.b. Probation Reports

10. b. Probation reports

Probation Summary:

Name	Case #	Status/Action	Date Ending
Dooley Riva	20190001	Good Standing	October 10, 2029
John Skwiot	20190007	Good Standing	February 1, 2023
Ralph Heninger	20190010	Good Standing	September 1, 2022
Lazell Preator	20190008 & 20200003	Pending	February 1, 2024
Robert Mercado	20210001	Pending	August 1, 2023
Timothy Prockish	20210002	Good Standing	October 1, 2023

Payment Summary:

Name	Case #	Paid	Remaining	Final Due Date
Dooley Riva	20190001	$12,900.00	$11,850.00	September 12, 2024
Lazell Preator	20190008 & 20200003	$969.50	$8,800.00	October 15, 2023
Robert Mercado	20210001	$1,000.00	$2,771.00	September 15, 2022
Timothy Prockish	20210002	$6,697.00	$0.00	January 1, 2022

Robert “Dooley” Riva, PE 018231
Case Number: 20190001
Violation of NRS 625.520, NRS 625.565, NAC 625.510, and NAC 625.610

Mr Riva allowed his license to lapse on December 31, 2009 and continued to practice professional engineering with an expired license until self-reporting to the board on January 10, 2019.

Mr Riva admitted, during the investigation in this matter, that he stamped, signed, and put false expiration dates for his license on the plans that he had submitted to reviewing agencies, as well as to his clients.

Mr Riva has maintained his California Professional Engineering license throughout this period from prior to December 31, 2009 to the present. Mr Riva's California license is currently in good standing. A third-party competency review of a sampling of the thirty-seven (37) identified Nevada projects, that Mr Riva stamped while unlicensed has been completed, and his work was found to be competent.

NRS 625.410 states that the Board may take disciplinary action against a licensee for practicing after the license of the professional engineer has expired or has been suspended or revoked. NRS 625.520 also states that it is unlawful for any professional engineer to practice in a discipline of professional engineering in which the Board has not qualified him and for any person to use an expired license. Accordingly, NRS 625.565 makes it unlawful for any person to impress any documents with the stamp of a professional engineer after that person's license has expired. In addition, NAC 625.610 requires that licensees include the date of expiration of his or her license on the stamp or seal. Moreover, under NAC 625.510, licensees must be honest and impartial, and serve their employers, clients, and the public with devotion. Mr Riva has violated the aforementioned provisions by continuing to practice professional engineering for nine (9) years after the expiration of his license and knowingly falsifying expiration dates when signing and stamping plans for submission to building departments for permits.

NRS 625.410(5) authorizes the State Board to take disciplinary action against a licensee for a violation of any provision of NRS Chapter 625 or NAC Chapter 625. Further, pursuant to NAC 625.640(3)(b)(2) this matter may be resolved without a formal hearing by Stipulated Agreement.

Mr Riva and the State Board hereby stipulate to the following terms for the above-referenced violation(s):

1. Mr Riva's license shall be reinstated and suspended for ten (10) years immediately following entry of this Agreement, but with the suspension stayed and probation imposed for the duration of that time period.

2. The stay of Mr Riva's license suspension may be lifted by the State Board upon notice and the opportunity for Mr Riva to be heard should Mr Riva fail to abide by the terms hereof.

3. Mr Riva's successful completion of probation is expressly conditioned upon his full compliance with the following conditions of probation:

a. Mr Riva shall pay all of the State Board's legal and investigative costs associated with this matter, in the total amount of Two Thousand Three Hundred Fifty and No/100 Dollars ($2,350.00), which includes One Thousand Three Hundred Fifty and No/100 Dollars ($1,350.00) in legal fees and One Thousand and No/100 Dollars ($1,000.00) for the cost for a third-party competency review of a sampling of the thirty-seven (37) projects stamped by Mr Riva while practicing without a license. This payment is due to the State Board within thirty (30) days of the State Board's acceptance and execution of this First Revised Stipulated Agreement.

b. Mr Riva shall pay an administrative fine to the State Board in the amount of Fifteen Thousand and No/100 Dollars ($15,000.00), plus Two Hundred and No/100 Dollars ($200.00) for each of the thirty-seven (37) projects lawfully stamped by Mr Riva, for a total of Twenty-Two Thousand Four Hundred and No/100 Dollars ($22,400.00). Two Thousand Six Hundred Fifty and No/100 Dollars ($2,650.00) of this amount is due to the State Board within thirty (30) days of the Board's acceptance and execution of this First Revised Stipulated Agreement. The balance thereof shall be due in five (5) equal annual installments of Three Thousand Nine Hundred Fifty and No/100 Dollars ($3,950.00). The first (1st) due on or before one year of the State Boards acceptance and execution of this First Revised Stipulated Agreement, and the remaining four payment due on or before each subsequent anniversary thereof, through the fifth (5th) anniversary of the State Boards acceptance and execution of this First Revised Stipulated Agreement.

c. Mr Riva shall undertake and assume all costs associated with reviewing and re-stamping the drawings associated with the aforementioned projects that are on file with the appropriate building departments and provide the Board with sufficient proof thereof.

d. Mr Riva registering in, paying for and completing an advanced level ethics course with Texas Tech University Murdough Center for Engineering Professionalism, and providing proof of completion thereof to Board staff within one (1) year of the date of full execution of this First Revised Stipulated Agreement.

LAST PROBATION REPORTS DUE October 1, 2029

PROBATION REPORT

(MUST BE TYPED)

Print Form

PROBATIONER: Robert Dooley Riva | PE/PLS #: 018231

EMPLOYER: Riva Engineering & Consulting

PROBATION REPORT SUMITTED FOR THE PERIOD OF: 2021-9-16 THROUGH 2021-11-15

CLIENT:

NAME: LISA & JORDAN BENDER

ADDRESS: 10431 WYTON DRIVE

CITY: LOS ANGELES | STATE: CA | ZIP CODE: 90024

PROJECT:

NAME: INCLINE VILLAGE RESIDENCE

LOCATION OF PROJECT: 707 BURGUNDY ROAD

CITY: INCLINE VILLAGE | STATE: NV | ZIP CODE: 89451

SIZE: 5000 SF | START DATE: 6.29.21 | END DATE: NA

STATUS OF PROJECT: DESIGN DEVELOPMENT IS 35% COMPLETE

FEE PAID BY CLIENT: $7000 RETAINER + $5600 (35% OF DD FEES)

SCOPE OF WORK:

DESIGN DEVELOPMENT AND CONSTRUCTION DOCUMENTS FOR NEW SFR

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

COORDINATION WITH ARCHITECT, LATERAL ANALYSIS AND STRUCTURAL MEMBER SIZING, AND ISSUE PRELIMINARY FRAMING PLANS FOR REVIEW

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

MY NV LICENSE IS NOT EXPIRED

SIGNATURE: Robert D. Riva | DATE November 17, 2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT

(MUST BE TYPED)

Print Form

PROBATIONER: Robert Dooley Riva PE/PLS #: 018231

EMPLOYER: Riva Engineering & Consulting

PROBATION REPORT SUMITTED FOR THE PERIOD OF: 2021-9-16 THROUGH 2021-11-15

CLIENT:

NAME: ROBERT & JOANIE NEUSCHMID

ADDRESS: jbneuschmid@gmail.com

CITY: STATE: ZIP CODE:

PROJECT:

NAME: NEUSCHMID ADDITION

LOCATION OF PROJECT: 492 LAUREL LANE

CITY: STATELINE STATE: NV ZIP CODE: 89448

SIZE: NA START DATE: 7.14.21 END DATE: NA

STATUS OF PROJECT: BEING PREPPED FOR COUNTY SUBMITTAL

FEE PAID BY CLIENT: $7,700.00

SCOPE OF WORK:

DESIGN DEVELOPMENT AND CONSTRUCTION DOCUMENTS FOR REMODEL/ADDITION

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

COORDINATION WITH ARCHITECT AND OWNER, LATERAL AND GRAVITY ANALYSIS, AND STRUCTURAL DETAIL DRAFTING, PREPARE SUBMITTAL PACKAGE AND ISSUE FOR PERMIT SUBMITTAL

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

NV LICENSE IS NOT EXPIRED

SIGNATURE: Robert D. Riva DATE: November 17, 2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT

(MUST BE TYPED)

Print Form

PROBATIONER: Robert Dooley Riva | PE/PLS #: 018231

EMPLOYER: Riva Engineering & Consulting

PROBATION REPORT SUMITTED FOR THE PERIOD OF: 2021-9-16 THROUGH 2021-11-15

CLIENT:

NAME: CATHY GIBB

ADDRESS: 441 SEMINOLE COURT

CITY: ZEPHYR COVE | STATE: NV | ZIP CODE: 89448

PROJECT:

NAME: 441 SEMINOLE COURT REMODEL

LOCATION OF PROJECT: 441 SEMINOLE COURT

CITY: ZEPHYR COVE | STATE: NV | ZIP CODE: 89449

SIZE: NA | START DATE: 8.4.21 | END DATE:

STATUS OF PROJECT: ISSUED FOR TEAM REVIEW

FEE PAID BY CLIENT: $1000

SCOPE OF WORK:

DESIGN DEVELOPMENT AND CONSTRUCTION DOCUMENTS FOR SFR REMODEL AND DECK ADDITION

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

COORDINATION WITH ARCHITECT, LATERAL AND GRAVITY ANALYSIS, REDMARK FRAMING PLANS, AND STRUCTURAL DETAILING

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

NV LICENSE IS NOT EXPIRED

SIGNATURE: Robert D. Riva | DATE: November 17, 2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT

(MUST BE TYPED)

Print Form

PROBATIONER: Robert Dooley Riva | PE/PLS #: 018231

EMPLOYER: Riva Engineering & Consulting

PROBATION REPORT SUMITTED FOR THE PERIOD OF: 2021-9-16 THROUGH 2021-11-15

CLIENT:

NAME: TOM & AMY SOUZA

ADDRESS: tsouza@sppinc.com

CITY: | STATE: | ZIP CODE:

PROJECT:

NAME: SOUZA GARAGE ADDITION

LOCATION OF PROJECT: 1269 HIDDEN WOODS DRIVE

CITY: GLENBROOK | STATE: NV | ZIP CODE: 89413

SIZE: 665 SF | START DATE: 9.28.21 | END DATE: NA

STATUS OF PROJECT: ISSUED FOR COUNTY SUBMITTAL

FEE PAID BY CLIENT: $1,000 RETAINER

SCOPE OF WORK:

DESIGN DEVELOPMENT AND CONSTRUCTION DOCUMENTS FOR GARAGE ADDITION

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

COORDINATION WITH ARCHITECT, LATERAL AND GRAVITY ANALYSIS, REDMARK AND BACKCHECK FRAMING AND FOUNDATION PLANS, STRUCTURAL DETAILING, AND PREPARE STRUCTURAL PACKAGE FOR COUNTY SUBMITTAL

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

NV LICENSE IS NOT EXPIRED

SIGNATURE: Robert D. Riva | DATE: November 17, 2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

John Skwiot, PE 020561
Case Number: 20190007
Violation of NRS 625.410(2), NAC 625.630(1)(a), NAC 625.630(b), and NAC 625.545.

Mr Skwiot self-reported a disciplinary action imposed against his California professional engineer license by the California Board of Professional Engineers ("California Board").

The facts, as presented in a stipulation and order entered by the California Board, were as follows. In or around 2015, Mr Skwiot found the complainant/Client at issue on a freelance website. The complainant wished to procure an engineering design of a three-unit residential structure in Mammoth Lakes, California. Mr Skwiot and complainant agreed to the cost of services. However, Mr Skwiot did not provide the client with a written contract containing all of the terms required by California Code. Rather, Mr Skwiot and complainant relied upon the "Independent Contractor Services Agreement" provided by the website, which indicates that "Client and [Mr Skwiot] acknowledge and agree that when [Mr Skwiot] accepts an Engagement awarded by Client, Client and [Mr Skwiot] will be deemed to have entered into a 'Member Contract."' 1 Mr Skwiot and complainant did not sign any additional written agreement(s), although it appears the scope of the work to be performed was outlined on the website. In the Stipulation with the California Board, Mr Skwiot stipulated that he was unprofessional in his dealing with the client, plus failed to complete his engineering services within the time periods set by the project schedule, as agreed upon by Mr Skwiot and complainant. In addition, Mr Skwiot stipulated that he failed to design a project in compliance with the Town of Mammoth Lakes building code requirements, failed to prepare an accurate and correct grading and drainage plan, and failed to prepare erosion control plan. Further, Mr Skwiot's civil details included a retaining and rock wall drawn backward, and intruding upon, and altering grading on, the neighboring property.

Mr Skwiot stipulated with the California Board to the following violations: (1) negligence, (2) incompetence, (3) unlicensed practice of land surveying, (4) unlawful use of the term "structural engineer," (5) failure to provide a written contract, and (6) unprofessional conduct. Pursuant to the California Board Stipulation and Order, Mr Skwiot's license was revoked, but the revocation was stayed pending the successful completion of three (3) years probation, reimbursement of investigative costs in the amount of Ten Thousand Four Hundred Eighty-Nine and 85/100 Dollars ($10,489.85), completion and passage of the California Laws and Board Rules examination, passage of a Board approved ethics course within one (1) year, and completion and passage of two (2) college-level Board approved engineering courses.

NRS 625.410 states that the Board may take disciplinary action against a licensee for discipline by another state or territory if at least one of the grounds for discipline is the same or substantially equivalent to any ground under Nevada law. The Nevada equivalent of the California violations are as follows: NRS 625.410(2); NAC 625.630(1)(a); NAC 625.630(b); and NAC 625.545.

NRS 625.410(5) authorizes the State Board to take disciplinary action against a licensee for a violation of any provision of NRS Chapter 625 or NAC Chapter 625. Further, pursuant to NAC 625.640(3)(b)(2) this matter may be resolved without a formal hearing by Stipulated Agreement.

Mr Skwiot and the State Board hereby stipulate to the following terms for the above-referenced violation(s):

1. Mr Skwiot's license shall be revoked following entry of this Agreement, but with revocation stayed and probation imposed for a term of three (3) years.

2. The licensee shall submit detailed bi-monthly probation reports to the Executive Director of the Nevada Board, which shall report any work completed in Nevada during the previous two (2) month period. A report shall be filed even if no work was performed in Nevada during the previous two (2) month period. The first report shall be due within two (2) months of the effective date of this Stipulated Agreement. Each report shall include a copy of the contract executed for any work in Nevada, including the scope of work detail.

3. The stay of Mr Skwiot's license revocation may be lifted by the State Board, upon notice and the opportunity for Mr Skwiot to be heard, should Mr Skwiot fail to abide by the terms hereof.

LAST PROBATION REPORTS DUE February 1, 2023

PROBATION REPORT

(MUST BE TYPED)

Print Form

PROBATIONER: John Skwiot PE/PLS #: 20561

EMPLOYER: Arizona Design Build LLC dba FJS Engineering

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 16, 2021 THROUGH: Nov 15, 2021

CLIENT:

NAME: Creative Metal Works

ADDRESS: 140 S. Fourth Street

CITY: Henderson STATE: NV ZIP CODE: 89015

PROJECT:

NAME: Castellena

LOCATION OF PROJECT: Parcel 137-276-21029

CITY: Las Vegas STATE: NV ZIP CODE: 89138

SIZE: 289 SF START DATE: Nov 1, 2021 END DATE: Nov 3, 2021

STATUS OF PROJECT: Completed

FEE PAID BY CLIENT: $825

SCOPE OF WORK:

Shade Canopy Design: Load determination (wind, dead, live, snow), member design,base plate and anchorage design, foundation design

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

I was the engineer of record for this project and completed the design and drafting. The client was provided with sealed drawings and calculations for submittal.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

The project was completed on schedule and to the client's requirements. A written contract was utilized for the work.

SIGNATURE: John Skwiot, P.E. Digitally signed by John Skwiot, P.E. Date: 2021.12.01 20:39:41 -07'00' DATE: December 1, 2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT

(MUST BE TYPED)

Print Form

PROBATIONER: John Skwiot PE/PLS #: 20561

EMPLOYER: Arizona Design Build LLC dba FJS Engineering

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 16, 2021 THROUGH: Nov 15, 2021

CLIENT:

NAME: Creative Metal Works

ADDRESS: 140 S. Fourth Street

CITY: Henderson STATE: NV ZIP CODE: 89015

PROJECT:

NAME: Charleston Heights

LOCATION OF PROJECT: 2221 Maverick Street

CITY: Las Vegas STATE: NV ZIP CODE: 89108

SIZE: 514 SF START DATE: Oct 6, 2021 END DATE: Oct 14, 2021

STATUS OF PROJECT: Completed

FEE PAID BY CLIENT: $985

SCOPE OF WORK:

Shade Canopy Design: Load determination (wind, dead, live, snow), member design,base plate and anchorage design, foundation design

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

I was the engineer of record for this project and completed the design and drafting. The client was provided with sealed drawings and calculations for submittal.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

The project was completed on schedule and to the client's requirements. A written contract was utilized for the work.

SIGNATURE: John Skwiot, P.E. Digitally signed by John Skwiot, P.E. Date: 2021.12.01 20:46:20 -07'00' DATE: December 1, 2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT

(MUST BE TYPED)

Print Form

PROBATIONER: John Skwiot PE/PLS #: 20561

EMPLOYER: Arizona Design Build LLC dba FJS Engineering

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 16, 2021 THROUGH: Nov 15, 2021

CLIENT:

NAME: Creative Metal Works

ADDRESS: 140 S. Fourth Street

CITY: Henderson STATE: NV ZIP CODE: 89015

PROJECT:

NAME: Skye Hills

LOCATION OF PROJECT: Parcel D, BLM 270 CE

CITY: Las Vegas STATE: NV ZIP CODE: 89166

SIZE: 256 SF START DATE: Sep 30, 2021 END DATE: Oct 19, 2021

STATUS OF PROJECT: Completed

FEE PAID BY CLIENT: $825

SCOPE OF WORK:

Shade Canopy Design: Load determination (wind, dead, live, snow), member design,base plate and anchorage design, foundation design

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

I was the engineer of record for this project and completed the design and drafting. The client was provided with sealed drawings and calculations for submittal.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

The project was completed on schedule and to the client's requirements. A written contract was utilized for the work.

SIGNATURE: John Skwiot, P.E. Digitally signed by John Skwiot, P.E. Date: 2021.12.01 20:50:50 -07'00' DATE: December 1, 2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT

(MUST BE TYPED)

Print Form

PROBATIONER: John Skwiot PE/PLS #: 20561

EMPLOYER: Arizona Design Build LLC dba FJS Engineering

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 16, 2021 THROUGH: Nov 15, 2021

CLIENT:

NAME: Shade N Net

ADDRESS: 5711 W. Washington St

CITY: Phoenix STATE: AZ ZIP CODE: 85046

PROJECT:

NAME: Charleston Heights

LOCATION OF PROJECT: 2221 Maverick Street

CITY: Las Vegas STATE: NV ZIP CODE: 89108

SIZE: 842 SF START DATE: Oct 21, 2021 END DATE: Oct 29, 2021

STATUS OF PROJECT: Completed

FEE PAID BY CLIENT: $937.50

SCOPE OF WORK:

Shade Canopy Design: Load determination (wind, dead, live), cable force determination, member design, base plate and anchorage design, foundation design

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

I was the engineer of record for this project and completed the design and drafting. The client was provided with sealed drawings and calculations for submittal.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

The project was completed on schedule and to the client's requirements. A written contract was utilized for the work.

SIGNATURE: John Skwiot, P.E. Digitally signed by John Skwiot, P.E. Date: 2021.12.01 21:02:42 -07'00' DATE: December 1, 2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT

(MUST BE TYPED)

Print Form

PROBATIONER: John Skwiot PE/PLS #: 20561

EMPLOYER: Arizona Design Build LLC dba FJS Engineering

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 16, 2021 THROUGH: Nov 15, 2021

CLIENT:

NAME: Shade N Net

ADDRESS: 5711 W. Washington St

CITY: Phoenix STATE: AZ ZIP CODE: 85046

PROJECT:

NAME: Desert Winds Hospital

LOCATION OF PROJECT: 5900 W. Rochelle Ave.

CITY: Las Vegas STATE: NV ZIP CODE: 89103

SIZE: 3,250 SF START DATE: Sep 16, 2021 END DATE: Nov 16, 2021

STATUS OF PROJECT: Completed

FEE PAID BY CLIENT: $3,925

SCOPE OF WORK:

Shade Canopy Design: Load determination (wind, dead, live), cable force determination, member design, base plate and anchorage design, foundation design

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

I was the engineer of record for this project and completed the design and drafting. The client was provided with sealed drawings and calculations for submittal.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

The project was completed on schedule and to the client's requirements. A written contract was utilized for the work.

SIGNATURE: John Skwiot, P.E. Digitally signed by John Skwiot, P.E. Date: 2021.12.01 21:08:05 -07'00' DATE: December 1, 2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

Ralph Heninger, PE 005191
Case Number: 20190010
Violation of NRS 625.410(7)

Mr Heninger allowed his license to lapse on July 1, 2017 and continued to practice professional engineering with an expired license until self-reporting to the board on March 20, 2019.

NRS 625.410 states that the Board may take disciplinary action against a licensee for practicing after the license of the professional engineer has expired or has been suspended or revoked. Pursuant to NAC 625.640(3)(b)(2) this matter may be resolved without a formal hearing by Stipulated Agreement.

Mr Heninger and the State Board hereby stipulate to the following terms for the above-referenced violation:

1. Mr Heninger shall pay an administrative fine in the amount of One Thousand Five Hundred and No/100 Dollars ($1,500.00) within ninety (90) days from the date of the State Board's approval of this Stipulated Agreement.

2. Mr Heninger shall reimburse the State Board for legal fees incurred in this matter in the amount of Seven Hundred Thirty-Eight and 25/100 Dollars ($738.25) within ninety (90) days from the date of the State Board's approval of this Stipulated Agreement.

3. Mr Heninger shall provide written notification to the developer of the above-delineated Fernley project of the fact that Mr Heninger was unlicensed at the time he performed work thereon, provide the developer with the opportunity to have the improperly stamped plans brought into compliance, and pay any and all costs associated therewith. Mr Heninger shall provide the State Board with a copy of each such written notification.

4. Mr Heninger’s license shall be suspended for two (2) years immediately following entry of this Stipulated Agreement, but with the suspension stayed and probation imposed for the duration of that time period.

5. The stay of Mr Heninger’s license suspension may be lifted by the State Board, upon notice and the opportunity for Mr. HENINGER to be heard, should Mr Heninger fail to abide by the terms hereof.

6. Mr Heninger's successful completion of probation is expressly conditioned upon his full compliance with the following conditions of probation:

(a) Mr Heninger shall submit detailed bi-monthly probation reports to the Executive Director of the Nevada Board, which shall report any work completed in Nevada during the previous two (2) month period. A report shall be filed even if no work was performed in Nevada during the previous two (2) month period. The first report shall be due within two (2) months of the effective date of this Stipulated Agreement. Each report shall include a copy of the contract executed for any work in Nevada, including the scope of work detail, as well as supporting project documentation.

LAST PROBATION REPORTS DUE September 1, 2022

PROBATION REPORT
(MUST BE T YPED)

PROBATIONER: Ralph Heninger, PE PE/PLS #: 005191

EMPLOYER: Ground Breaking Development LLC

PROBATION REPORT SUMITTED FOR THE PERIOD OF: 19 Aug 2021 THROUGH: 19 Oct 2021

CLIENT

NAME: Rick Arnaud Owner- Builder

ADDRESS: 610 Wedge Lane

CITY: Fernley STATE: Nevada ZIP CODE: 89408

PROJECT

NAME: Plan for Residential Home construction, located within City of Fernley, Nevada

LOCATION OF PROJECT: 766 Divot Dr.

CITY: Fernley STATE: Nevada ZIP CODE: 89408

SIZE: 2625 SF residence. START DATE: Pending END DATE: Pending

STATUS OF PROJECT: Submitted to City of Fernley, Nevada for Building Permit.

FEE PAID BY CLIENT: $ 150

SCOPE OF WORK:

Review and certify that grading plan complied with original subdivision lot grading plan and meets City of Fernley requirements.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

.
Reviewed grading plan to determine that it met the approved subdivision lot grading plan.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Revied and refreshed my lot grading work..

SIGNATURE: DATE: 10 Nov 2021

Lazell Preator, PE 014982
Case Numbers: 20190008 and 20200003
Violations: NRS 625.410(2), NRS 625.540, NRS 625.560, NAC 625.510, NAC 625.530, and NAC 625.540

Previous 2018 Complaint and Stipulated Agreement

Before setting forth the facts for the two complaints at issue, the following summation of a previous Stipulated Agreement is relevant. A Stipulated Agreement was entered by and between the State Board and Mr Preator on November 8, 2018 ("2018 Stipulated Agreement'"), regarding previous Complaint number 20180006. In the 2018 Stipulated Agreement, Mr Preator acknowledged violations of NRS Chapter 625 in which his conduct constituted gross negligence, incompetence, or misconduct in the practice of professional engineering and failure to exercise due care and oversight in submitting the plan set to the office of the Deputy Building and Safety Director for the City of Las Vegas.

The facts pertaining to the 2018 Stipulated Agreement involved the filing of a complaint alleging the submission of plans containing the forged signatures of two senior building officials in an attempt to obtain a building permit.

Specifically, on March 7, 2018, the office of the Deputy Building and Safety Director for the City of Las Vegas received a plan set. The plan set included an irregular and misspelled signature of the City Engineer, Allen Pavelka, with his name signed "Alan" as opposed to the proper spelling “Allen." The plan set further included a signature of a retired Director of Building and Safety, Chris Knight. Mr Preator asserted that he relied on a third party, Jorge Guzman, to acquire said signatures, and that said third party, unbeknownst to Mr Preator, obtained or affixed the forged signatures. Although Mr Preator denied forging the signatures at issue, he admitted that he is responsible for documents that he seals and signs and that he is responsible to use due care and oversight to manage originals and copies of all documents he has signed and sealed.

In the 2018 Stipulated Agreement, Mr Preator's Nevada license was placed on probation for twelve (12) months. As part of his probation, Mr Preator was required to pay certain fines, costs, and fees, and require that he write a Whitepaper on Responsible Charge. The probation under the 2018 Stipulated Agreement has since been completed.

Case No. 20190008 - "Forgery Case"

In regard Case No. 20190008, a complaint has been submitted against Mr Preator by the

Executive Director for the State Board on behalf of a professional land surveyor, alleging fraudulent stamping and signing of legal descriptions.

Specifically, On December 18, 2017, Mr Preator submitted two legal descriptions for a project on Du Fort Avenue to the City of Henderson. The complainant land surveyor inadvertently discovered the two legal descriptions while reviewing projects on the City of Henderson website in August 2019. The two legal descriptions were produced for Preator Consulting by the land surveyor. However, Preator Consulting had not paid for the work, and thus, the land surveyor had not completed the work, as he had not signed or dated the two legal descriptions. The two legal descriptions were, hand signed, dated and submitted to the city on December 18, 2017.

In an effort to explain how the legal descriptions at issue were fraudulently signed, Mr Preator asserts that he relied on the same third-party blamed in the 2018 Stipulated Agreement, i.e., Jorge Guzman, to obtain the stamp and signature of the land surveyor before submitting the legal descriptions now at issue. Mr Preator again asserts that Jorge Guzman must have forged the surveyor's signature before submitting the legal descriptions to the City of Henderson. Although Mr Preator denied forging the signatures at issue, he admits that he is responsible for documents that he submits and that he is responsible to use due care and oversight to manage originals and copies of all said documents.

Mr Preator has not been able to provide any information or documentation regarding his working relationship with Mr Guzman, or any evidence that Mr Guzman exists.

NRS 625.410(2) provides authority for the State Board to administer discipline in Nevada for any gross negligence, incompetency, or misconduct in the practice of professional engineering as a professional engineer. NRS 625.410(5) provides authority for the State Board to administer discipline in Nevada for a violation of any provision of NRS Chapter 625. A licensee violates NRS 625.540 by unlawfully practicing land surveying. Specifically, it is unlawful to present or attempt to use, as his or her own, the license or stamp of another person and to impersonate any other licensee of the same or a different name. Additionally, it is a violation of NRS 625.560 to sign a description unless the person holds an unsuspended and unrevoked license as a professional land surveyor.

NRS 625.4I0(5) provides authority for the State Board to administer discipline in Nevada for a violation of any regulation adopted by the Board. A licensee violates NAC 625.510 by failing to uphold and advance the honor and dignity of the profession by maintaining high standards of ethical conduct regarding honesty. It is a violation of NAC 625.530 for a licensee to fail to act in professional matters as a faithful agent. A licensee violates NAC 625.540(1) by failing to

take care that credit for engineering or land surveying work is given to those to whom credit is properly due and violates NAC 625.540(4) by failing to not maliciously injure the professional reputation, business prospects or practice of another engineer or land surveyor.

Based on the foregoing, Mr Preator stipulates that he violated NRS 625.410 (2), in that his conduct constituted gross negligence, incompetence, or misconduct in the practice of professional engineering. Mr Preator stipulates that he violated NRS 625.540 by unlawfully practicing land surveying by presenting the license or stamp of another person and by impersonating another licensee. Likewise, Mr Preator stipulates that he violated NRS 625.560 by signing a description without a license as a professional land surveyor.

Further, Mr Preator stipulates that he violated NAC 625.510 by failing to uphold and advance the honor and dignity of the profession by maintaining high standards of ethical conduct regarding honesty. In addition, Mr Preator stipulates that he violated NAC 625.530 by failing to act in professional matters as a faithful agent. Finally, Mr Preator stipulates that he violated NAC 625.540 by failing to take care that credit for land surveying work was given to those to whom credit was properly due and by failing to not maliciously injure the professional reputation, business prospects or practice of another engineer or land surveyor.

Case No. 20200003 - "Faithful Agent Case"

In regard Case No. 20200003, a complaint has been submitted against Mr Preator alleging misconduct and failure to meet terms of a contract.

Specifically, on February 2, 2018, the complainant contracted with Mr Preator to provide civil engineering for an auto body repair shop construction project, and paid Mr Preator a $7,100 retainer. Per the contract, Mr Preator was to begin working on the project within two days of receiving the retainer. Between February 2018 and February 2020, no work product was provided to the client nor to the professionals and contractors working on the client's behalf. There were various interactions and requests for updates on the status of the project. Mr Preator asserts that, during the project, he was unable to speak with the architect on the project, from whom Mr Preator asserts that he received differing site plans. Nevertheless, Mr Preator informed the client that various items were under review by planning authorities, even though they were never actually submitted.

NRS 625.410(2) provides authority for the State Board to administer discipline in Nevada for any gross negligence, incompetency, or misconduct in the practice of professional engineering as a professional engineer. NRS 625.410(5) provides authority for the State Board to administer discipline in Nevada for a violation of any regulation adopted by the Board. A licensee violates NAC 625.510 by failing to uphold and advance the honor and dignity of the

profession by maintaining high standards of ethical conduct regarding honesty. It is a violation of NAC 625.530 when a licensee fails to act in professional matters as a faithful agent.

Based on the foregoing, Mr Preator stipulates that he violated NRS 625.410(2), in that his conduct constituted gross negligence, incompetence, or misconduct in the practice of professional

engineering. Further, Mr Preator stipulates that he violated NAC 625.510 by failing to uphold and advance the honor and dignity of the profession by maintaining high standards of ethical conduct regarding honesty. Finally, Mr Preator stipulates that he violated NAC 625.530 by failing to act in a timely and professional matters as a faithful agent.

Pursuant to NAC 625.640, a disciplinary matter may be resolved without a formal hearing by a Stipulated Agreement. To that end, to resolve Complaint Numbers 2019008 and 20200003, Mr Preator and the State Board resolve this matter on the following basis:

(1) Mr Preator's Nevada license shall be suspended for thirty-six (36) months following entry of this Agreement, pursuant to NRS 625.410 (2) and NAC 625.530, but with the suspension stayed and probation imposed for the duration of that time period.

(2) The stay of Mr Preator's suspension may be lifted by the State Board upon notice and the opportunity to be heard should Mr Preator fail to abide by the terms hereof.

(3) Mr Preator's successful completion of probation is expressly conditioned upon his full compliance with the following conditions of probation:

(a) Mr Preator shall pay a fine of Five Thousand and Noll 00 Dollars ($5,000.00) for the Forgery Case and a fine of Two Thousand and No/I 00 Dollars ($2,000.00) for the Faithful Agent Case, for a total fine of Seven Thousand and No/100 Dollars ($7,000.00), within six (6) months of acceptance and execution of this Agreement by the State Board.

(b) Mr Preator shall pay the professional land surveyor in full under his contract therewith for work on the Du Fort project.

(c) Mr Preator shall pay for cost of hiring a Nevada licensed professional land surveyor to review, re-stamp and sign the Du Fort legal descriptions.

(d) Mr Preator shall immediately notify client and the relevant public entity via letter, with copy to the Board, of the necessity of the Du Fort legal descriptions to be re- submitted with lawful stamping and signature.

(e) Mr Preator shall reimburse in full the deposited amount the complainant paid for the Autobody Repair Shop project.

(f) Mr Preator shall pay the State Board Two Thousand Seven Hundred Sixty-Nine and 50/100 Dollars ($2,769.50) as reimbursement of administrative expenses in this matter.

(g) Mr Preator registering in, paying for and completing an entry level ethics course with Texas Tech University Murdough Center for Engineering Professionalism, and providing proof of completion thereof to Board staff.

(h) Mr Preator shall provide to the State Board staff, within thirty (30) days of execution of this agreement by the State Board, a list of projects that were submitted for governmental review in 2017 and 2018, and provide project names, clients, and to which agencies submissions were made. These submissions will be reviewed by State Board staff to determine and identify any other possible statutory and/or regulatory violations.

(i) Mr Preator shall submit detailed bi-monthly probation reports to the Executive Director of the Nevada Board, which shall report any work completed in Nevada during the previous two (2) month period. A report shall be filed even if no work is performed in Nevada during the previous two (2) month period. The first report shall be due within two (2) months of the effective date of this Stipulated Agreement. Each report shall include client contact information and a copy of the contract executed for any work in Nevada, including the scope of work detail.

(j) Mr Preator shall provide proof of the completion of thirty (30) professional development hours that are required on a biennial basis for license renewal, pursuant to NAC 625.430 and NAC 625.480.

LAST PROBATION REPORTS DUE February 1, 2024

Lazell Preator, PE 014982
Case Numbers: 20190008 and 20200003
Violations: NRS 625.410(2), NRS 625.540, NRS 625.560, NAC 625.510, NAC 625.530, and NAC 625.540

As of January 4, 2022, no probation reports have been received from Mr Preator. The reports for **Nevada work performed between** September 21, 2021 – **November 20, 2021, were due** December 1, 2021.

Robert Mercado, PLS 010352
Case Number: 20210001
Violation of NRS 625.410(5), NRS 625.340, NAC 625.425, and NAC 625.545

On September 10, 2020, Sundance Surveying, Inc was hired to provide surveying and mapping services for a vacant property located in Las Vegas. As part of the contract, Mr Mercado was to file a Record of Survey Map with the Clark County Recorder's Office. Although the contract did not contain an anticipated date of completion, Mr Mercado informed his client that the work would only take a few weeks. Mr Mercado completed the survey on October 11, 2020, and emailed the survey map to his client on October 12, 2020. The survey map was not recorded at that time. On October 16, 2020, Mr Mercado was paid in full for his work.

Thereafter, the client made numerous attempts to contact Mr Mercado regarding the status of the recordation of the survey map, but he was unresponsive. As a result of Mr Mercado's unresponsiveness, coupled with his failure to have the survey map recorded, a complaint was filed on January 12, 2021. When contacted by the State Board, the complainant stated that she filed the complaint in an effort to prompt Mr Mercado to record the survey map and her only objective in filing the complaint was to ensure the survey map was recorded.

On January 14, 2021, the State Board staff left a voicemail for Mr Mercado regarding the complaint. On January 19, 2021, Mr. Mercado responded to staff's voicemail and informed the State Board that, although the survey map had not yet been recorded, he intended to file it with the Clark County Recorder's Office on January 22, 2021. Mr Mercado did not file the survey map with the Clark County Recorder's Office on January 22, 2021, as promised. On two more occasions (January 26, 2021, and February 1, 2021), Mr Mercado assured the State Board staff that the survey map would be recorded, however, in each instance, Mr Mercado failed to make good on his promises. During this time, Mr Mercado provided a number of explanations for the delay in filing the survey map, which have not proven to be credible. As of February 5, 2021, the survey map was still not recorded.

On February 5, 2021, the State Board staff requested that Mr Mercado submit a formal response to the Complaint no later than March 8, 2021. The State Board staff followed up with Mr Mercado on multiple occasions in that regard. On March 8, 2021, Mr Mercado informed the State Board staff that he would be submitting his formal response to the complaint by the end of the day, but he did not.

On March 8, 2021, nearly 150 days after the survey was completed, the survey map was recorded with the Clark County Recorder's Office. The survey was stamped, signed, and dated by Mr Mercado on March 7, 2021.

On March 9, 2021, Mr Mercado submitted his formal response to the complaint. The State Board staff still determined that Mr Mercado's actions were in violation of various provisions of NRS Chapter 625 and NAC Chapter 625

It is a violation of NAC 625.425 for a land surveying firm to engage or offer to engage in the practice of professional engineering without first registering with the State Board and paying the annual fee of Fifty and No/100 Dollars ($50.00).1 It is a violation of NAC 625.545 to fail to provide a written contract to each client which sets forth the scope of work, costs, and anticipated date of completion of the work.2 It is a violation of NRS 625.340 to fail to file a survey map with the county recorder in the county in which the survey was made a record of survey relating to land boundaries and property lines within ninety (90) days of the creation of such survey.3 It is a violation of NAC 625.530 for a licensee to fail to act in professional matters as a faithful agent.

Based on the foregoing, Mr Mercado stipulates that he violated NAC 625.425 by failing to register Sundance Surveying, Inc. with the State Board for the past ten (10) years. Further, Mr Mercado stipulates that he violated NAC 625.545 by failing to include the anticipated date of completion in his written contract with his client. Also, Mr Mercado stipulates that he violated NRS 625.340 by failing to file the survey map with the Clark County Recorder within ninety (90) days of the creation of such survey map. Finally, Mr Mercado stipulates that he violated NAC 625.530 by failing to act in professional matters as a faithful agent of his client in connection with his performance of the services therefor.

Pursuant to NAC 625.640, a disciplinary matter may be resolved without a formal hearing by a Stipulated Agreement. To that end, to resolve the complaint, Mr Mercado and the State Board resolve this matter on the following basis:

(1) Mr Mercado shall pay an administrative fine of $1,500.00 for his violations of NAC 625.545, NRS 625.340 and NAC 625.530 within 90 days of the board's approval of the stipulated agreement.

(2) Mr Mercado shall reimburse the State Board $2,271.00 for administrative expenses in this matter.

(3) Mr Mercado shall prepare and submit a whitepaper within 90 days of the board's approval of the stipulated agreement on the following topics:

- a) Elements necessary for a valid written contract for providing professional land surveying services in the State of Nevada (NAC 625.545).
- b) Applicable deadlines and requirements for the timely recordation of records of surveys (NRS 625.340).

(4) Mr Mercado's Nevada license shall be suspended for twenty (24) months following entry of this agreement, but with the suspension stayed and probation imposed for the duration of that time period.

LAST PROBATION REPORTS DUE August 1, 2023

Robert Mercado, PLS 010352
Case Number: 20210001
Violation of NRS 625.410(5), NRS 625.340, NAC 625.425, and NAC 625.545

As of January 4, 2022, no probation reports have been received from Mr Mercado. Reports for Nevada work performed between Sept 14, 2021 – Nov 13, 2021, were due December 1, 2021.

Timothy Prockish, PE 012931
Case Number: 20210001
Violation of NRS 625.565(3) and NAC 625.610 (5)

The disciplinary action was a result of facts brought to the attention of the board in February 2021 relating to the improper use and incorporation of another firm's work into electrical designs submitted by Mr Prockish and Dinter Engineering for the Washoe County School District O'Brien Middle School project (the Project).

The complaint alleged that Mr. Prockish and Dinter improperly used and copied another firm's designs, specifications, and drawings from a number of the firm's projects including: Wildcreek High School; Sun Valley Middle School; and Spanish Springs Middle School. The complainant became aware of Mr Prockish's and Dinter's improper use of their electrical designs when an electrical contractor working on the Project, believing he was looking at electrical designs created by the complainant firm (despite the fact the designs had the Dinter title block), contacted the complainant with questions regarding the Project. The complainant obtained copies of Dinter's designs for the Project and identified multiple references to sheets and details that are not actually part of the Project, but rather were specific to one or more of the complainant firm's designs.

Mr Prockish acknowledged therein that certain elements from the complainant's designs were incorporated into Dinter's electrical designs for the Project. However, Mr Prockish denied that such unauthorized use of complainant's designs was done intentionally by him. Mr Prockish also stated that, upon learning that complainant's work product had erroneously been incorporated into the designs for the Project by a drafter for Dinter, he immediately took corrective action and redesigned the electrical designs from start to finish. Mr Prockish added that, following the incident, he implemented new policies, procedures, and training to ensure that this type of situation does not occur in the future.

Board staff conducted a review and noted that the revised designs for the Project were markedly unique when compared to the original designs that were stamped and signed by Mr Prockish for the Project. Staff also noted that the original designs for the Project contained obvious incorrect references to non-existent sheets, missing construction details, and erroneous design details. While it is unclear who, if anyone, directed the Dinter drafter(s) to copy specific elements from the complainant's designs, Mr Prockish admitted that portions of the complainant's designs were indeed obviously copied, and that he stamped and signed the original designs for the Project.

NRS 625.565(3) provides that "(i]t is unlawful for a professional engineer to sign or stamp any plans, specifications or reports that were not prepared by the professional engineer or for which he or she did not have responsible charge of the work."1 NRS 625.080 defines "responsible charge of work" as "the independent control and direction, by the use of initiative, skill and independent judgment, of the investigation or design of professional engineering or land surveying work or the supervision of such work". Further, pursuant to NAC 625.610(5), "[w]hen a licensee signs, stamps or seals a document containing the work of others, the licensee represents that the licensee has prepared or has been in responsible charge of the production of the entire document unless the licensee includes a written statement adjacent to his or her signature, stamp or seal identifying the portion of the document that the licensee prepared or for which the licensee had responsible charge of the work".

Based on the above, Mr Prockish stipulated that he violated NAC 625.610(5) and NRS 625.565(3) by signing and stamping work for which he did not have responsible charge, i.e. the complainant's designs that were incorporated into the Project designs and the work of the Dinter drafter that incorporated the complainant's work into the Project designs.

Pursuant to NAC 625.640, a disciplinary matter may be resolved without a formal hearing by a Stipulated Agreement. To that end, to resolve the complaint, Mr Prockish and the State Board resolve this matter on the following basis:

(1) Mr Prockish shall pay an administrative fine of $4,000.00 for his violations of NRS 625.565(3) and NAC 625.610 (5) within 90 days of the board's approval of the stipulated agreement.

(2) Mr Prockish shall reimburse the State Board $2,679.00 for legal fees incurred in this matter.

(3) Mr Prockish shall prepare and submit a whitepaper within 90 days of the board's approval of the stipulated agreement on the following topics:

- a) Mr Prockish's and Dinter Engineering's roles in what "responsible charge of work" in means (NRS 625.080).
- b) What it means to ensure responsible charge of documents signed stamped by him (NAC 625.610).

(4) Mr Prockish's Nevada license shall be suspended for twenty (24) months following entry of this agreement, but with the suspension stayed and probation imposed for the duration of that time period.

LAST PROBATION REPORTS DUE October 1, 2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: Hilltop Community Church

ADDRESS: 3588 Romans Rd

CITY: Carson City STATE: NV ZIP CODE: 89706

PROJECT:

NAME: Hilltop Community Church Exterior Lighting J-4521.2

LOCATION OF PROJECT: 3588 Romans Rd

CITY: Carson City STATE: NV ZIP CODE: 89706

SIZE: Small START DATE: 01/23/2020 END DATE: TBD

STATUS OF PROJECT: Submitted for permit with Douglas County

FEE PAID BY CLIENT: $15,830.00

SCOPE OF WORK:

New parking lot lighting design for an upgrade to the existing parking lot around Building A. This work includes lighting calculations, new LED lights and poles, receptacles on the poles, connected to an existing Panel. Design also includes remodel of the existing Building B Main entrance lobby and driveway. This design includes new interior lighting, receptacles, data outlets, fire alarm devices, and paging speakers for the Lobby and Offices. The exterior improvements include design for exterior lighting, receptacles, roof gutters ice-melt, and snowmelt for the new concrete driveway.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

Directed/supervised lighting and power designers. Conducted detailed reviews of design media and product data as well as code and owner requirements and standards for lighting design.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Have implemented policy for document handling which will qualify documents recieved from facility managers and/or the Owner as eligible or in-eligble for use in our designs and documents going forward. Procedure also includes verification for these documents status during my detailed project progress reviews to ensure that unauthorized use of content does not occur.

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: TSK Architects

ADDRESS: 225 S Arlington Ave

CITY: Reno STATE: NV ZIP CODE: 89501

PROJECT:

NAME: O'Brien Middle School Replacement Design through CA J-4661.2

LOCATION OF PROJECT: 10500 Stead Blvd,

CITY: Reno STATE: NV ZIP CODE: 89506

SIZE: Large START DATE: 03/03/2020 END DATE: 07/2022

STATUS OF PROJECT: Ongoing Construction Administration

FEE PAID BY CLIENT: $525,000.00

SCOPE OF WORK:

This project is to replace the existing O'Brien Middle School that is in need of upgrading. This project will build a new 180,000 square foot Facility to house up to 1400 students. The new Facility is being built on the existing School Ballfields and when completed the existing School will be demolished and the new Ballfields/ Play area will be built on the current School location. The electrical design includes new lighting, lighting controls, general power receptacles, power to special classrooms, power to Mechanical and Plumbing equipment, and Kitchen equipment; new Classroom telcom/data systems; security systems including CCTV cameras, door controls, and motion sensors; Sound/Paging systems; Fire Alarm system; site lighting; power to site water system(s) pumps and controls; new power, telephone, and cable television systems from serving utility companies.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

For this period the project has been in the construction phase. My involvement is to review requests for information, requests for clarification, contract change requests and provide direction as required, review meeting minutes and construction reports and provide input to staff for resolution of issues that arise during construction. Also I am involved in supervising the design of added or changed materials and production of revisions to the construction documents.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: Frame Architecture

ADDRESS: 4090 S McCarran Blvd Suite E

CITY: Reno STATE: NV ZIP CODE: 89502

PROJECT:

NAME: Reno Public Market J-4678

LOCATION OF PROJECT: 370 Casazza Dr

CITY: Reno STATE: NV ZIP CODE: 89502

SIZE: Large START DATE: 05/16/2019 END DATE: TBD

STATUS OF PROJECT: Ongoing Construction Administration

FEE PAID BY CLIENT: $115,010.00

SCOPE OF WORK:

This project is to remodel the existing Shopper's Square Mall. This project will remodel approximately 183,000 square feet of retail space including basement, ground floor, mezzanines, and second floors. This project includes new Food Stations/Booths, Bars, Restaurants, Retail Spaces for Tenant Improvements, and Back-of-house support areas. The electrical design includes new lighting, lighting controls, general power receptacles, power to Mechanical and Plumbing equipment, and Kitchen equipment; new conduit and boxes for telcom/data systems; security systems including CCTV cameras, door controls, and motion sensors; Sound/Paging systems; and Fire Alarm system. The existing site parking lot is being redone and includes new site lighting and controls, power for pole receptacles, conduits for security systems, and power for Electric Vehicle charging stations. Site improvements include new power, telephone, and cable television systems from serving utility companies.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

For this period the project has been in the construction phase. My involvement is to review requests for information and provide direction as required, review meeting minutes and construction reports and provide input to staff for resolution of issues that arise during construction. Also to process change requests and to supervise and direct designers in the processing and production of designs and documents associated with additional tenant spaces and tenant changes and to conduct detailed reviews of new designs and changes to the original design.

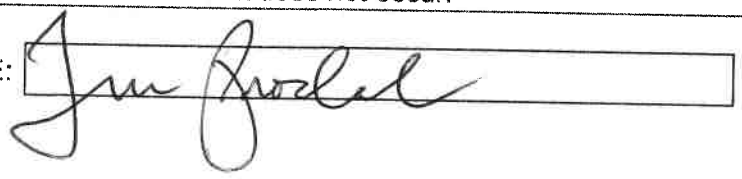
(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT

(MUST BE TYPED)

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Have implemented policy for document handling which will qualify documents recieved from facility managers and/or the Owner as eligible or in-eligble for use in our designs and documents going forward. Procedure also includes verification for these documents status during my detailed project progress reviews to ensure that unauthorized use of content does not occur.

SIGNATURE: 

DATE: 11/29/2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: Architects+ LLC

ADDRESS: 35 Martin Street

CITY: Reno STATE: NV ZIP CODE: 89509

PROJECT:

NAME: Our Lady of Snows Parish Center 2019 J-4679.1

LOCATION OF PROJECT: 1138 Wright St

CITY: Reno STATE: NV ZIP CODE: 89509

SIZE: Small START DATE: 8/3/2021 END DATE: TBD

STATUS OF PROJECT: Scheduling and preliminary design

FEE PAID BY CLIENT: $11,825.00

SCOPE OF WORK:

This project is the design development of a new approximately 26,500 square foot Parish Center at the site of the existing Our Lady of Snows Church parish office and parking lot. The electrical design includes new lighting, lighting controls, general power receptacles, power to classrooms, meeting rooms, and offices; power to Mechanical and Plumbing equipment, and Kitchen equipment; security systems including CCTV cameras, door controls, and motion sensors; including site lighting along the existing Wright Street drive and a new parking lot; new power, telephone, and cable television systems from serving utility companies.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

During this period I have provided input on task allocation and laid out requirements for the field data gathering effort to staff.

Reviewed project requirements (Owner, Building department, lighting handbook, etc.), allocated resources and attended internal project kick off meeting.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Have implemented policy for document handling which will qualify documents recieved from facility managers and/or the Owner as eligible or in-eligble for use in our designs and documents going forward. Procedure

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT

(MUST BE TYPED)

also includes verification for these documents status during my detailed project progress reviews to ensure that unauthorized use of content does not occur.

SIGNATURE: [signature]

DATE: 11/29/2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: Watry Design Architects & Engineers Inc

ADDRESS: 2099 Gateway Place Suite 550

CITY: San Jose STATE: CA ZIP CODE: 95110

PROJECT:

NAME: UNR Gateway Parking Garage J-4693

LOCATION OF PROJECT: Gateway District eastern half of block-N Center, E 9th, Lake St, E 8th

CITY: Reno STATE: NV ZIP CODE:

SIZE: Medium START DATE: 09/19/2019 END DATE: 11/2022

STATUS OF PROJECT: Ongoing Construction Administration

FEE PAID BY CLIENT: $162,000.00

SCOPE OF WORK:

The project consists of a new multi-level parking structure for the University of Nevada Reno. The project includes a 235' pedestrian bridge. The electrical design includes new lighting, lighting controls, general power receptacles, power to elevators, power to Mechanical and Plumbing equipment, and heat trace for ice melt systems; telcom/data systems; fire alarm system; emergency call system; site lighting; power to site water system(s) boxes for heating; new power, and telephone systems from serving utility companies. Work includes relocation of existing overhead utility lines to underground.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

For this period the project has been in the construction phase. My involvement is to review requests for information and provide direction as required, review meeting minutes and construction reports and provide input to staff for resolution of issues that arise during construction.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Although it isnt usually an issue in this phase of the project I have implemented a policy for document handling which will qualify documents recieved from facility managers and/or the Owner as eligible or in-eligble for use in our designs and documents going forward. Procedure also includes verification for these documents status during my detailed reviews of clarifications or revisions to ensure that unauthorized use of content does not occur.

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PROBATION REPORT

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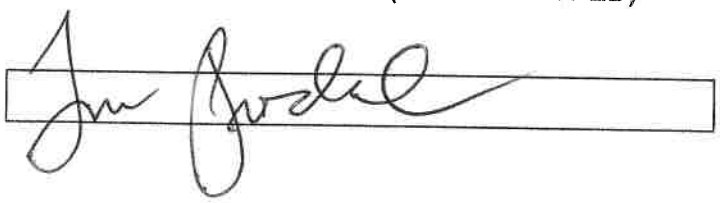
SIGNATURE:  DATE: 11/29/2021

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PROBATION REPORT
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Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: Performance Electric Co

ADDRESS: 3945 Glen Street

CITY: Reno STATE: NV ZIP CODE: 89502

PROJECT:

NAME: NASF 12KV Circuit #4 J-4700

LOCATION OF PROJECT: 4755 Pasture Road

CITY: Fallon STATE: NV ZIP CODE: 84969

SIZE: Medium START DATE: 05/01/2020 END DATE: project on going

STATUS OF PROJECT: Project is in construction phase.

FEE PAID BY CLIENT: $50,254.00

SCOPE OF WORK:

Installation of new spare 12.47kV circuit from existing main switchgear yard to existing operations 4-way switch. Design to reuse existing infrastructure were available and add new infrastructure as needed to complete scope of design.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

For this period the project has been in the construction phase. My involvement is to review requests for information and provide direction as required, review meeting minutes and construction reports and provide input to staff for resolution of issues that arise during construction.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

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PROBATION REPORT
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Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: Christy Corporation

ADDRESS: 1000 Kiley Parkway

CITY: Sparks STATE: NV ZIP CODE: 89436

PROJECT:

NAME: Sparks Avenue of the Oaks J-4715

LOCATION OF PROJECT: Between 12th and 13th Streets

CITY: Sparks STATE: NV ZIP CODE: 89431

SIZE: Small START DATE: 02/10/2020 END DATE: TBD

STATUS OF PROJECT: Bid Documents submitted to Client

FEE PAID BY CLIENT: $13,000.00

SCOPE OF WORK:

This project includes electrical engineering services for the demolition and realignment of the Avenue of the Oaks between 12th and 13th streets in Sparks, Nevada. Work includes coordination with the utility companies to protect or relocate utilities, coordination with utility, Civil Engineer, and Owner for power to new area lighting including illumination calculations for area lighting, and power for tree lighting and special events.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

Supervision of design for the connection and control of roadway/area lighting and connections for seasonal features and special events. Conducted detailed review of design media including drawings, specs, vendor data, owner requirements and city standards. Conducted review meetings with design staff to ensure compliance with mark ups and comments.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Have implemented policy for document handling which will qualify documents recieved from facility managers and/or the Owner as eligible or in-eligble for use in our designs and documents going forward. Procedure also includes verification for these documents status during my detailed project progress reviews to ensure that unauthorized use of content does not occur.

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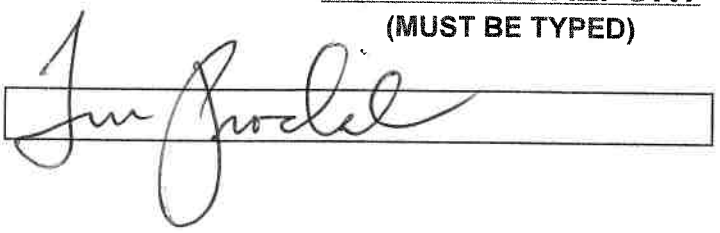
SIGNATURE:  DATE: 11/29/2021

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Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: Performance Electric Co

ADDRESS: 3945 Glen Street

CITY: Reno STATE: NV ZIP CODE: 89502

PROJECT:

NAME: NASF Bldg 465 Quarterdeck J-4733

LOCATION OF PROJECT: Naval Air Station Fallon

CITY: Fallon STATE: NV ZIP CODE:

SIZE: Small START DATE: 11/23/2020 END DATE: project on going

STATUS OF PROJECT: Project in construction phase.

FEE PAID BY CLIENT: $14,770.00

SCOPE OF WORK:

Design for a new UPS in existing building. Design includes relocating and rerouting electrical circuits from existing UPS panels to new UPS and the associated new panels.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

For this period the project has been in the construction phase. My involvement is to review requests for information and provide direction as required, review meeting minutes and construction reports and provide input to staff for resolution of issues that arise during construction.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: Tate Snyder Kimsey Architect Ltd (TSK)

ADDRESS: 225 South Arlington Avenue

CITY: Reno STATE: NV ZIP CODE: 89501

PROJECT:

NAME: UNR Building 58 Renovation Phase 2 J-4739.1

LOCATION OF PROJECT: University of Nevada Reno

CITY: Reno STATE: NV ZIP CODE:

SIZE: Medium START DATE: 05/10/2021 END DATE: 04/2023

STATUS OF PROJECT: Submitted for Peer Review

FEE PAID BY CLIENT: $65,000.00

SCOPE OF WORK:

The electrical design work includes developing the electrical construction documents for remediation and remodel construction of existing 3-story building. Electrical design work will meet UNR, NEC and Nevada State standards. The electrical design includes new lighting, lighting controls, general power receptacles, power to special classrooms, power to Mechanical and Plumbing equipment, and elevator equipment; new Classroom and Offices telcom/data systems; security systems including CCTV cameras, door controls, and motion sensors; Fire Alarm system; exterior building lighting; power to site water system(s) boxes heat trace; new power and telcom/data systems from existing UNR facilities.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

Directed and supervised design staff to produce construction document package. Conducted periodic meetings during design period to review progress. Reviewed correspondence to ensure that staff was in compliance with owner requirements. Conducted detailed reviews and marked up plans for staff periodically during design period.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Have implemented policy for document handling which will qualify documents recieved from facility managers and/or the Owner as eligible or in-eligble for use in our designs and documents going forward. Procedure

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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: HNTB Corporation

ADDRESS: 200 E Sandpointe Ave Suite 200

CITY: Santa Ana STATE: CA ZIP CODE: 92707

PROJECT:

NAME: LAS RIM Projects and Rehabilitation of Runways 1/19 J-4745

LOCATION OF PROJECT: McCarran International Airport, 5757 Wayne Newton Blvd

CITY: Las Vegas STATE: NV ZIP CODE: 89119

SIZE: Large START DATE: 05/27/2021 END DATE: TBD

STATUS OF PROJECT: 95% Design Complete

FEE PAID BY CLIENT: $105,926.00

SCOPE OF WORK:

Design and construction administration for replacement of existing incandescent taxiway centerline lights (on Taxiways D, E, F, W, and Z) and runway edge lights (on Runways 1L-19R and 1R-19L) with new LED lights, design new taxiway edge lights, taxiway centerline lights, and guidance signs where three hot spots are being reconfigured, reconfigure the lighting on the end of Runways 19R and 8L, and change guidance signs where taxiways being redesignated, add new LED in-pavement and elevated RGL lights at 23 runway hold positions, add or replace three constant current regulators (CCRs) in two airfield lighting vaults, update the existing ALCMS to include all taxiway reconfigurations, new RGL locations, and new CCRs.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

Involvement Included performance of field data gathering, direction of design, attendance at meetings, preparation of design report, preparation of specifications, review of material data and record drawings, and coordination with other disciplines.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Each design input, record drawing or other document received from team members or the Owner was documented and qualified for use, or not, based on the document provider's ownership or authority to provide the document as a design input.
If the document is not qualified for use it is documented as such and during detailed reviews of the progress

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PROBATION REPORT

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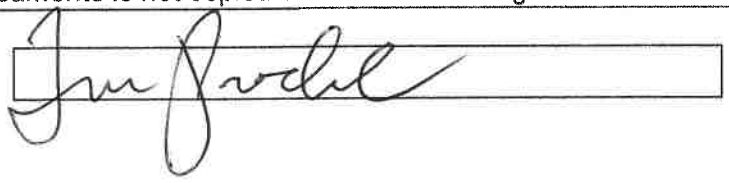
of the project, I have verified that these documents were not used. This ensures that content from reference or sample documents is not copied or used in our designs.

SIGNATURE: 

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PROBATIONER: Timothy Prockish | PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: Pierce/Cooley Architects Inc

ADDRESS: 11871 Gonsalves St

CITY: Cerritos STATE: CA ZIP CODE: 90703

PROJECT:

NAME: Bldg 1 Replace Transformer J-4749

LOCATION OF PROJECT: VA Sierra Healthcare System

CITY: Reno STATE: NV ZIP CODE:

SIZE: Small START DATE: 05/17/2021 END DATE: project on going

STATUS OF PROJECT: 95% design drawings submitted to client.

FEE PAID BY CLIENT: $37,313.00

SCOPE OF WORK:

Replace existing building #1 service transformers and existing primary and secondary feeder conductors. Design to reuse underground infrastructure for new primary and secondary transformer feeders.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

Directed staff on field data gathering requirement. Participated in phasing strategy meetings and supervised design and production of document package, including vendor document review, resource scheduling, progress document submittal etc.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Have implemented policy for document handling which will qualify documents received from facility managers an/or the Owner as eligible or in-eligble for use in our designs and documents going forward. Procedure also includes verification for these documents status during my detailed project progress reviews to ensure that unauthorized use of content does not occur.

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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: Nevada State Public Works Board

ADDRESS: 515 Musser St Suite 102

CITY: Carson City STATE: NV ZIP CODE: 89710

PROJECT:

NAME: Replace Interior Lighting - Nevada Youth Training Center J-4751

LOCATION OF PROJECT: 100 Youth Center Road

CITY: Elko STATE: NV ZIP CODE: 89801

SIZE: large START DATE: 08/09/2021 END DATE: TBD

STATUS OF PROJECT: Scheduling and preliminary design

FEE PAID BY CLIENT: $107,680.00

SCOPE OF WORK:

Provide design and construction documents for replacement of aged and inefficient interior and exterior lighting systems(fixtures and controls) at the following buildings at the Nevada Youth Training Center:
- Administration
- classroom & infirmary
- Multi-purpose
- warehouse
- Gymnasium
- Industrial/vocational buildings
- Eight cottages

Photometric and IECC Calculations will be performed

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

During this period I have reviewed and provided input on task allocation and laid out requirements for the field data gathering effort to staff.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Have implemented policy for document handling which will qualify documents recieved from facility managers

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and/or the Owner as eligible or in-eligible for use in our designs and documents going forward. Procedure also includes verification for these documents status during my detailed project progress reviews to ensure that unauthorized use of content does not occur.

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PROBATIONER: Timothy Prockish | PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 | THROUGH: Nov 20, 2021

CLIENT:

NAME: Nevada State Public Works Board

ADDRESS: 515 Musser St Suite 102

CITY: Carson City | STATE: NV | ZIP CODE: 89710

PROJECT:

NAME: Access Control Systems - Nevada Youth Training Center J-4751.1

LOCATION OF PROJECT: 100 Youth Center Road

CITY: Elko | STATE: NV | ZIP CODE: 89801

SIZE: Large | START DATE: 08/18/2021 | END DATE: TBD

STATUS OF PROJECT: Scheduling and Preliminary Design

FEE PAID BY CLIENT: $103,905.00

SCOPE OF WORK:

The purpose of this project is to replace the existing door assemblies, door locks and magnetic door controls in the Administration, classroom & infirmary, warehouse, Mountaineer, Indian and Explorer R & C cottages at the Nevada Youth Training Center. The doors, locks and controls are approximately 40 years old, and have reached the end of their useful life.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

During this period I have reviewed and provided input on task allocation and laid out requirements for the field data gathering effort to staff.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: JG Contracting

ADDRESS: PO Box 1666

CITY: Nipomo STATE: CA ZIP CODE: 93444

PROJECT:

NAME: APES Install

LOCATION OF PROJECT: NAS Fallon J-4753

CITY: Fallon STATE: NV ZIP CODE:

SIZE: Small START DATE: 10/15/2021 END DATE: project on going

STATUS OF PROJECT: Design Development.

FEE PAID BY CLIENT: $28,635.00

SCOPE OF WORK:

Design for lightning protection system for new aircraft shade structures.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

My involvement includes Owner interface, client interface, supervision of designer, vendor product review and implementation of materials into our design. Coordination with the structure design and lighting protection material vendor products. Also coordination with the owner, the contractor and review and compliance with the standards governing the project.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Have implemented policy for document handling which will qualify documents recieved from facility managers and/or the Owner as eligible or in-eligble for use in our designs and documents going forward. Procedure also includes verification for these documents status during my detailed project progress reviews to ensure that unauthorized use of content does not occur.

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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: Carson City Public Works Dept

ADDRESS: 3505 Butti Way

CITY: Carson City STATE: NV ZIP CODE: 89701

PROJECT:

NAME: Carson Juvenile Probation Modular Power Well #4 J-4754

LOCATION OF PROJECT: 740 S Saliman Rd

CITY: Carson City STATE: NV ZIP CODE: 89701

SIZE: Small START DATE: 10/07/2021 END DATE: TBD

STATUS OF PROJECT: feasiblity assesment, on hold pending Owner decision to proceed

FEE PAID BY CLIENT: $3,000.00

SCOPE OF WORK:

Determine if existing well electrical service is adequate to serve addition of modular building by performing load calculation, then develop appropriate design to upgrade service or feed from existing service.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

Communicated field data gathering requirements to staff, directed and reviewed load calculation and correspondence to Owners Representative.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Have implemented policy for document handling which will qualify documents recieved from facility managers an/or the Owner as eligible or in-eligble for use in our designs and documents going forward. Procedure also includes verification for these documents status during my detailed project progress reviews to ensure that unauthorized use of content does not occur.

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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: Slominski Engineering

ADDRESS: PO Box 202

CITY: Truckee STATE: CA ZIP CODE: 96160

PROJECT:

NAME: 444 Kirman Ave Electrical Evaluation Report and Design Documents J-4755

LOCATION OF PROJECT: 444 Kirman Ave

CITY: Reno STATE: NV ZIP CODE: 89502

SIZE: SMALL START DATE: 10/08/2021 END DATE: TBD

STATUS OF PROJECT: Ongoing field data gathering

FEE PAID BY CLIENT: $9,600.00

SCOPE OF WORK:

Provide thorough field investigation of the electrical power system, assessment of condition of equipment within the property to determine the extent of damage from electrical fault and resultant fire. Prepare report of findings including one line drawings and electrical layout drawings. Preparation of electrical system model and performance of short circuit study.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

Provide direction for staff on required data to be gathered in field including ratings and settings of panels, fuses, breakers, transformers etc., size and length of conductors, conduit materials etc., necessary to build electrical system model and perform short circuit study.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

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PROBATION REPORT
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Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: SGF Engineering

ADDRESS: 9500 Prototype Ct

CITY: Reno STATE: NV ZIP CODE: 89521

PROJECT:

NAME: 21-M02-7 Replace Fire-Smoke Dampers-Dini Townsend Psychiatric Hospital J-4756

LOCATION OF PROJECT: 480 Galletti Way

CITY: Sparks STATE: NV ZIP CODE: 89431

SIZE: SMALL START DATE: 11/03/2021 END DATE: TBD

STATUS OF PROJECT: In Schematic Design

FEE PAID BY CLIENT: $6,500.00

SCOPE OF WORK:

The purpose of this project is to Replace Fire-Smoke Dampers at Dini-Townsend hospital located on the Northern Nevada Adult Mental health services campus in Sparks, NV. Dinter will design modifications to power and fire alarm systems resulting from smoke damper replacements.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

Provide direction to staff for field data gathering. Participate in coordination with other disciplines and supervise designer and production staff.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

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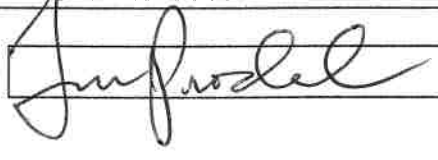
SIGNATURE:  DATE: 11/29/2021

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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: SGF Engineering

ADDRESS: 9500 Prototype Ct

CITY: Reno STATE: NV ZIP CODE: 89521

PROJECT:

NAME: Replace HVAC in Bldgs 1,2,3,5,6 - Carlin Readiness Center J-4757

LOCATION OF PROJECT: Carlin Readiness Center

CITY: Carlin STATE: NV ZIP CODE: 89801

SIZE: Small START DATE: 11/11/2021 END DATE: TBD

STATUS OF PROJECT: Schematic

FEE PAID BY CLIENT: $24,500.00

SCOPE OF WORK:

The purpose of this project is to Replace the HVAC in buildings 1,2,3,5,and 6 (21-M19) at the Carlin readiness center in Carlin, NV. Dinter will design modifications to power systems resulting from these upgrades to the mechanical systems.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

Provide direction to staff for field data gathering. Participate in coordination with other disciplines and supervise designer and production staff.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: SGF Engineering

ADDRESS: 9500 Prototype Ct

CITY: Reno STATE: NV ZIP CODE: 89521

PROJECT:

NAME: Replace Water Heater - Carlin Readiness Center J-4757.1

LOCATION OF PROJECT: Carlin Readiness Center

CITY: Carlin STATE: NV ZIP CODE: 89801

SIZE: Small START DATE: 11/11/2021 END DATE: TBD

STATUS OF PROJECT: In Schematic Design

FEE PAID BY CLIENT: $8,200.00

SCOPE OF WORK:

The purpose of this project is to Replace the water heaters (21-M-27) at the Carlin readiness center in Carlin, NV. Dinter will design modifications to power systems resulting from these upgrades to the water heaters systems.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

Provide direction to staff for field data gathering. Participate in coordination with other disciplines and supervise designer and production staff.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Have implemented policy for document handling which will qualify documents recieved from facility managers an/or the Owner as eligible or in-eligble for use in our designs and documents going forward. Procedure also includes verification for these documents status during my detailed project progress reviews to ensure that unauthorized use of content does not occur.

SIGNATURE: [signature] DATE: 11/29/2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: SGF Engineering

ADDRESS: 9500 Prototype Ct

CITY: Reno STATE: NV ZIP CODE: 89521

PROJECT:

NAME: Nevada Supreme Court Snow Melt 21-M17 J-4757.2

LOCATION OF PROJECT: 201 S Carson St #201

CITY: Carson City STATE: NV ZIP CODE: 89701

SIZE: Small START DATE: 08/25/2021 END DATE: 09/2022

STATUS OF PROJECT: Design Development

FEE PAID BY CLIENT: $8,500.00

SCOPE OF WORK:

This project will replace the existing electrical-based driveway snow melt system with a hot water-based system. The electrical design includes demolition of the existing snow melt system cables, controls, wiring and connections for the driveway system, and new power connections to new hot water pumps and controls.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

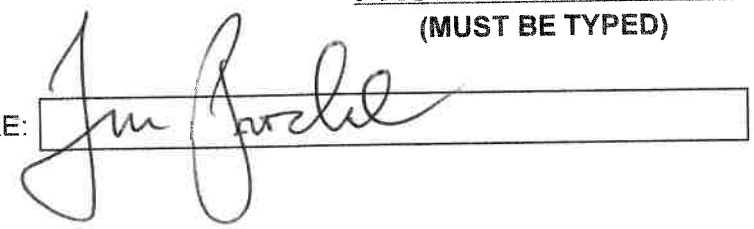
Reviewed correspondence to ensure compliance with Owner requirements, and coordination with other trades. Conducted Kick off meeting to discuss code requirements, resource allocation schedule, budget, etc. Directed staff for field data gathering requirement and conducted progress review meeting. Conducted Preliminary review of design package, although progress is limited until plumbing and mechanical equipment is selected.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Have implemented policy for document handling which will qualify documents received from facility managers and/or the Owner as eligible or in-eligble for use in our designs and documents going forward. Procedure also includes verification for these documents status during my detailed project progress reviews to ensure that unauthorized use of content does not occur.

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT
(MUST BE TYPED)

SIGNATURE: 

DATE: 11/29/2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUMITTED FOR THE PERIOD OF: Sep 21, 2021 THROUGH: Nov 20, 2021

CLIENT:

NAME: SGF Engineering

ADDRESS: 9500 Prototype Ct

CITY: Reno STATE: NV ZIP CODE: 89521

PROJECT:

NAME: Stewart Facility Bldg 89 Chiller Replacement J-4757.3

LOCATION OF PROJECT: 5500 Snyder Ave

CITY: Carson City STATE: NV ZIP CODE: 89701

SIZE: Small START DATE: 08/25/2021 END DATE: 01/2023

STATUS OF PROJECT: Schematic Design

FEE PAID BY CLIENT: $7,500.00

SCOPE OF WORK:

This project will replace the air-cooled chiller, chilled water pumps, piping, and temperature controls serving the existing Stewart Facility, Building 89. The electrical design includes demolition of the existing chiller and pumps controls, wiring and connections, and new power connections to the new chiller and chilled water pumps and controls.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

Reviewed correspondence to ensure compliance with Owner requirements, and coordination with other trades. Conducted Kick off meeting to discuss code requirements, resource allocation schedule, budget, etc. Directed staff for field data gathering requirement and conducted progress review meeting. Conducted Preliminary review of design package, although progress is limited until plumbing and mechanical equipment is selected.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

Have implemented policy for document handling which will qualify documents received from facility managers and/or the Owner as eligible or in-eligble for use in our designs and documents going forward. Procedure also includes verification for these documents status during my detailed project progress reviews to ensure that unauthorized use of content does not occur.

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

PROBATION REPORT

(MUST BE TYPED)

SIGNATURE: [signature]

DATE: 11/29/2021

(Please print, sign, date, then scan and email report to board@boe.state.nv.us)

12. Robert Mercado, PLS Compliance with Stipulated Agreement

KAREN A. PETERSON
JAMES R. CAVILIA
CHRIS MACKENZIE
RYAN D. RUSSELL
JOEL W. LOCKE
JUSTIN TOWNSEND
KYLE A. WINTER

DANIEL S. JUDD
EMILY MEIBERT

ALLISON MACKENZIE

ATTORNEYS & COUNSELORS AT LAW

GEORGE V. ALLISON
JOAN C. WRIGHT
PATRICK V. FAGAN
CHARLES P. COCKERILL
MIKE PAVLAKIS
(*OF COUNSEL*)

ANDREW MACKENZIE
(1941 – 2018)
MIKE SOUMBENIOTIS
(1932 – 1997)

December 22, 2021

SENT CERTIFIED MAIL
Robert Mercado, P.L.S.
Sundance Surveying Inc.
3832 Valley Drive
North Las Vegas, NV 89032

Re: Notice of Agenda Item to Determine Compliance with Terms of Stipulated Agreement

Dear Mr. Mercado:

As you may recall, I serve as legal counsel for the Nevada State Board of Professional Engineers and Land Surveyors ("State Board"). This letter is sent on behalf of the Executive Director to provide notice to you that your Stipulated Agreement with State Board, dated July 14, 2021, resulting from Complaint No. 20210001, will be up for consideration and review for a determination of compliance by the State Board. This consideration and review will occur at the State Board's upcoming January 20, 2022 meeting at 9:00 a.m., at the State Boards Las Vegas office, located at the Holsum Bread Building, 241 W. Charleston Boulevard, Suite 130, Las Vegas, Nevada. Please notify the Executive Director of the State Board or me as to whether you will be attending the meeting virtually or in-person.

As per the terms of said Stipulated Agreement, your license was suspended for two (2) years, but the suspension is stayed so long as the terms of the Stipulated Agreement are abided by. State Board investigative and compliance staff has now reported to the Executive Director that you have not complied with the terms of the Stipulated Agreement. Specifically, to date, stipulated terms 3 and 6(a) under said Stipulated Agreement (attached hereto for your convenience and reference) have not been abided by. This letter is sent to provide you due notice that a review of your performance of obligations under the Stipulated Agreement will be up for consideration by the State Board, and if the State Board makes a determination that you have not complied with the terms of the Stipulated Agreement, the stay on your license suspension may be lifted. If the stay is lifted, your professional land surveyor license with the State of Nevada would be suspended, thus preventing you from lawfully offering and/or providing professional land surveying services in the State of Nevada. At the meeting of the State Board on this agenda item, you will be provided the opportunity to be heard and present evidence on the status of your compliance.

Should you fully satisfy your obligations between now and the time set for the meeting, that will likely be helpful to your cause, but the State Board will still likely be presented information on the matter, and your attendance to answer questions of the State Board is recommended.

Sincerely,

ALLISON MacKENZIE, LTD.

By: _____
CHRIS MacKENZIE, ESQ.

CM/hh: Enclosure
Cc: Patty Mamola, Executive Director
Murray Blaney, Compliance Officer

STIPULATED AGREEMENT
OF ROBERT MERCADO
LICENSE NO. PLS #010352
COMPLAINT NO. 20210001

This Stipulated Agreement ("Stipulated Agreement") is made by and between the Nevada State Board of Professional Engineers and Land Surveyors (the "State Board") and ROBERT MERCADO ("Mr. Mercado"), a professional land surveyor in the State of Nevada, PLS #010352, and owner/operator of Sundance Surveying, Inc. This Stipulated Agreement arises from facts brought to the attention of the State Board by the January 12, 2021 complaint filed by Doris Mitchell of Las Vegas Realty ("Ms. Mitchell") on behalf of her client, B & K Living Trust. Ms. Mitchell's complaint contains allegations of misconduct and failure to abide by terms of contract by Mr. Mercado, and the failure of Sundance Surveying, Inc., to meet the terms of a contract.

On September 10, 2020, Ms. Mitchell on behalf of her client, B & K Living Trust, hired Sundance Surveying, Inc. to provide surveying and mapping services for a vacant property located in Las Vegas. As part of the contract, Mr. Mercado was to file a Record of Survey Map with the Clark County Recorder's Office. Although the contract did not contain an anticipated date of completion, Mr. Mercado informed Ms. Mitchell that the work would only take a few weeks. Mr. Mercado completed the survey on October 11, 2020 and emailed the survey map to Ms. Mitchell on October 12, 2020. The survey map was not recorded at that time. On October 16, 2020, Mr. Mercado was paid in full for his work under the contract.

Thereafter, Ms. Mitchell made numerous attempts to contact Mr. Mercado regarding the status of the recordation of the survey map, but he was unresponsive. As a result of Mr. Mercado's unresponsiveness, coupled with his failure to have the survey map recorded, Ms. Mitchell filed the January 12, 2021 Complaint. When contacted by the State Board, Ms.

Mitchell stated that she filed the Complaint in an effort to prompt Mr. Mercado to record the survey map and her only objective in filing the Complaint was to ensure the survey map was recorded. Ms. Mitchell stated she would drop the Complaint once the survey map was recorded.

On January 14, 2021, the State Board staff left a voicemail for Mr. Mercado regarding the Complaint. On January 19, 2021, Mr. Mercado responded to staff's voicemail and informed the State Board that, although the survey map had not yet been recorded, he intended to file it with the Clark County Recorder's Office on January 22, 2021. Mr. Mercado did not file the survey map with the Clark County Recorder's Office on January 22, 2021 as promised. On two more occasions (January 26, 2021 and February 1, 2021), Mr. Mercado assured the State Board staff that the survey map would be recorded, however, in each instance, Mr. Mercado failed to make good on his promises. During this time, Mr. Mercado provided a number of explanations for the delay in filing the survey map, which have not proven to be credible. As of February 5, 2021, the survey map was still not recorded.

The State Board staff did not initially request a formal written response from Mr. Mercado, as Ms. Mitchell indicated that her primary reason for filing the Complaint was to get the survey recorded and the matter resolved quickly. However, in light of Mr. Mercado's repeated failures to have the survey map recorded, proceeding with a disciplinary action has been deemed appropriate by the Executive Director of the State Board.

On February 5, 2021, the State Board staff requested that Mr. Mercado submit a formal response to the Complaint no later than March 8, 2021. The State Board staff followed up with Mr. Mercado on multiple occasions in that regard. On March 8, 2021, Mr. Mercado informed the State Board staff that he would be submitting his formal response to the Complaint by the

end of the day, but he did not.

On March 8, 2021, nearly 150 days after the survey was completed, the survey map was recorded with the Clark County Recorder's Office. The survey was stamped, signed, and dated by Mr. Mercado on March 7, 2021.

On March 9, 2021, Mr. Mercado submitted his formal response to the Complaint. The State Board staff still determined that Mr. Mercado's actions were in violation of various provisions of NRS Chapter 625 and NAC Chapter 625.

It is a violation of NAC 625.425 for a land surveying firm to engage or offer to engage in the practice of professional engineering without first registering with the State Board and paying the annual fee of Fifty and No/100 Dollars ($50.00).[1] It is a violation of NAC 625.545 to fail to provide a written contract to each client which sets forth the scope of work, costs, and anticipated date of completion of the work.[2] It is a violation of NRS 625.340 to fail to file a survey map with the county recorder in the county in which the survey was made a record of survey relating

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[1] NAC 625.425 states in relevant part as follows:

> 1. A firm must:
> (a) File an application for registration with the Board on a form provided by the Board; and
> (b) Pay a fee of $50,
> before engaging in or offering to engage in the practice of professional engineering or the practice of land surveying in this State.
> ...

[2] NAC 625.545 states in relevant part as follows:

> Before performing any work, a licensee shall enter into a written contract with each client for whom the licensee will perform work. The written contract must include, without limitation:
> 1. Provisions specifying:
> (a) The scope of work;
> (b) The cost for completion of the work; and
> (c) The anticipated date for completion of the work; and
> 2. A disclosure as to whether the licensee currently maintains a policy of professional liability insurance.

to land boundaries and property lines within ninety (90) days of the creation of such survey.[3] It is a violation of NAC 625.530 for a licensee to fail to act in professional matters as a faithful agent.[4]

Based on the foregoing, Mr. Mercado stipulates that he violated NAC 625.425 by failing to register Sundance Surveying, Inc. with the State Board for the past ten (10) years. Further, Mr. Mercado stipulates that he violated NAC 625.545 by failing to include the anticipated date of completion in his written contract with B & K Living Trust. Also, Mr. Mercado stipulates that he violated NRS 625.340 by failing to file the survey map with the Clark County Recorder within ninety (90) days of the creation of such survey map. Finally, Mr. Mercado stipulates that he violated NAC 625.530 by failing to act in professional matters as a faithful agent of B & K Living Trust in connection with his performance of the services therefor.

NRS 625.410(5) authorizes the State Board to take disciplinary action against a licensee for a violation of any provision of NRS Chapter 625 and/or NAC Chapter 625. Further, pursuant to NAC 625.640(3)(b)(2), this matter may be resolved without a formal hearing, via Stipulated Agreement. As such, in lieu of formal hearing, Mr. Mercado and the State Board hereby stipulate to the following terms for the above-referenced violation(s):

1. Mr. Mercado shall pay an administrative fine to the State Board in the amount of

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[3] NRS 625.340 states in relevant part as follows:

> After making a survey in conformity with the practice of land surveying, a professional land surveyor shall, within 90 days after the establishment of points or lines, file with the county recorder in the county in which the survey was made a record of survey relating to land boundaries and property lines...

[4] NAC 625.530 states in relevant part as follows:

> In a professional engineer's or land surveyor's relations with his or her employers and clients, he or she shall:
> 1. Act in professional matters as a faithful agent or trustee for each employer or client.
> ...

One Thousand Five Hundred and No/100 Dollars ($1,500.00) for his violations of NAC 625.545, NRS 625.340 and NAC 625.530 herein mentioned. Payment shall be made to the Board within (90) days from the date of the State Board's approval of this Stipulated Agreement.

2. Mr. Mercado shall reimburse the State Board for legal fees incurred in this matter in the amount of Two Thousand Two Hundred Seventy-One and No/100 Dollars ($2,271.00) within ninety (90) days from the date of the State Board's approval of this Stipulated Agreement.

3. Mr. Mercado shall prepare a White Paper and submit it to the Executive Director of the State Board within ninety (90) days of the State Board's approval of this Stipulated Agreement, for State Board review and approval, on the following topics:

a. Elements necessary for a valid written contract for providing professional land surveying services in the State of Nevada (NAC 625.545).

b. Applicable deadlines and requirements for the timely recordation of records of surveys (NRS 625.340).

4. Mr. Mercado's license shall be suspended for two (2) years immediately following entry of this Stipulated Agreement, but with the suspension stayed and probation imposed for the duration of that time period.

5. The stay of Mr. Mercado's license suspension may be lifted by the State Board, upon notice and the opportunity for Mr. Mercado to be heard, should Mr. Mercado fail to abide by the terms hereof.

6. Mr. Mercado's successful completion of probation is expressly conditioned upon his full compliance with the above terms and following conditions of probation:

(a) Mr. Mercado shall submit detailed bi-monthly probation reports to the Executive Director of the Nevada Board, which shall report any work

completed in Nevada during the previous two (2) month period. A report shall be filed even if no work was performed in Nevada during the previous two (2) month period. The first report shall be due within two (2) months of the effective date of this Stipulated Agreement. Each report shall include a copy of the contract executed for any work in Nevada, including the scope of work detail, as well as supporting project documentation.

7. Mr. Mercado understands that he must accept this Stipulated Agreement before it will be presented to the State Board for consideration.

8. Mr. Mercado understands that this Stipulated Agreement is subject to the approval of the State Board and has no force or effect until a final decision is rendered by the State Board.

9. The imposition of discipline set forth in this Stipulated Agreement does not limit the powers of the State Board to impose discipline upon Mr. Mercado on matters not yet presented to the State Board.

10. Mr. Mercado acknowledges that he has the following rights, among others:

(a) The right to a formal fact-finding hearing before the State Board;

(b) The right to counsel;

(c) The right to compel testimony of witnesses at hearing;

(d) The right to cross-examine witnesses of the prosecution at hearing; and

(e) The appellate right of judicial review of the State Board's decision resulting from a formal hearing.

11. By entering into this Stipulated Agreement, Mr. Mercado hereby waives the

above-stated hearing rights, as well as any corresponding appellate rights, should this Stipulated Agreement be approved and executed by the State Board.

12. Mr. Mercado is entering this Stipulated Agreement upon his own volition, with full opportunity to consult legal counsel.

13. This Stipulated Agreement contains the entire agreement between the parties. Mr. Mercado is not relying on any other agreement or representation, verbal or otherwise. This Stipulated Agreement shall be effective upon approval and execution by the State Board.

I, ROBERT MERCADO, have read the above Stipulated Agreement, understand its contents, and accept the conditions set forth within it.

Signed: _____ Date: MAY 19, , 2021
ROBERT MERCADO

I, ROBERT MERCADO, have read the above Stipulated Agreement, understand its contents, and do not accept the conditions set forth within it. I request that this matter be scheduled for a formal hearing before the Nevada State Board of Professional Engineers and Land Surveyors.

Signed: _____ Date: _____, 2021
ROBERT MERCADO

This Stipulated Agreement is approved by the Nevada State Board of Professional Engineers and Land Surveyors this 14th day of July, 2021. The effective date of this Stipulated Agreement is July 14, 2021.

Date: July 14, 2021. Signed: _____
~~Karen D. Purcell, P.E., Chairwoman~~
MICHAEL KIDD, P.L.S.
CHAIRMAN

13. Lazell Preator, PE Compliance with Stipulated Agreement

KAREN A. PETERSON
JAMES R. CAVILIA
CHRIS MACKENZIE
RYAN D. RUSSELL
JOEL W. LOCKE
JUSTIN TOWNSEND
KYLE A. WINTER

DANIEL S. JUDD
EMILY MEIBERT

ALLISON MACKENZIE

ATTORNEYS & COUNSELORS AT LAW

GEORGE V. ALLISON
JOAN C. WRIGHT
PATRICK V. FAGAN
CHARLES P. COCKERILL
MIKE PAVLAKIS
(*OF COUNSEL*)

ANDREW MACKENZIE
(1941 – 2018)
MIKE SOUMBENIOTIS
(1932 – 1997)

December 22, 2021

SENT CERTIFIED MAIL
Lazell Preator, P.E.
Preator Consulting
1012 Silver Retreat Court
Henderson, Nevada 89002

Re: Notice of Agenda Item to Determine Compliance with Terms of Stipulated Agreement

Dear Mr. Preator:

As you may recall, I serve as legal counsel for the Nevada State Board of Professional Engineers and Land Surveyors ("State Board"). This letter is sent on behalf of the Executive Director to provide notice to you that your Stipulated Agreement with State Board, dated January 21, 2021, resulting from Complaint No. 20190008 and 20200003, will be up for consideration and review for a determination of compliance by the State Board. This consideration and review will occur at the State Board's upcoming January 20, 2022 meeting at 9:30 a.m., at the State Boards Las Vegas office, located at the Holsum Bread Building, 241 W. Charleston Boulevard, Suite 130, Las Vegas, Nevada. Please notify the Executive Director of the State Board or me as to whether you will be attending the meeting virtually or in-person.

As per the terms of said Stipulated Agreement, your license was suspended for thirty-six (36) months, but the suspension is stayed so long as the terms of the Stipulated Agreement are abided by. State Board investigative and compliance staff has now reported to the Executive Director that you have not complied with the terms of the Stipulated Agreement. Specifically, to date, stipulated terms 3(a) and 3(i) under said Stipulated Agreement (attached hereto for your convenience and reference) have not been abided by. This letter is sent to provide you due notice that a review of your performance of obligations under the Stipulated Agreement will be up for consideration by the State Board, and if the State Board makes a determination that you have not complied with the terms of the Stipulated Agreement, the stay on your license suspension may be lifted. If the stay is lifted, your professional engineer license with the State of Nevada would be suspended, thus preventing you from lawfully offering and/or providing professional engineering services in the State of Nevada. At the meeting of the State Board on this agenda item, you will be provided the opportunity to be heard and present evidence on the status of your compliance.

Should you fully satisfy your obligations between now and the time set for the meeting,

that will likely be helpful to your cause, but the State Board will still likely be presented information on the matter, and your attendance to answer questions of the State Board is recommended.

Sincerely,

ALLISON MacKENZIE, LTD.

By: _____
CHRIS MacKENZIE, ESQ.

CM/hh: Enclosure
Cc: Patty Mamola, Executive Director
Murray Blaney, Compliance Officer

STIPULATED AGREEMENT
OF LAZELL PREATOR, P.E.
LICENSE NO. 014982
COMPLAINT NO. 20190008 & 20200003

This Stipulated Agreement is made by and between the Nevada State Board of Professional Engineers and Land Surveyors (the "State Board") and LAZELL PREATOR, licensed as a Professional Engineer in the State of Nevada under License No. PE 014982.

Stipulated Agreement of Facts:

A. Previous 2018 Complaint and Stipulated Agreement

Before setting forth the facts for the two complaints at issue, the following summation of a previous Stipulated Agreement is relevant. A Stipulated Agreement was entered by and between the State Board and Mr. Preator on November 8, 2018 ("2018 Stipulated Agreement"), regarding previous Complaint number 2018006. In the 2018 Stipulated Agreement, Mr. Preator acknowledged violations of NRS Chapter 625 in which his conduct constituted gross negligence, incompetence, or misconduct in the practice of professional engineering and failure to exercise due care and oversight in submitting the plan set to the office of the Deputy Building and Safety Director for the City of Las Vegas.

The facts pertaining to the 2018 Stipulated Agreement involved the filing of a complaint alleging the submission of plans containing the forged signatures of two senior building officials in an attempt to obtain a building permit.

Specifically, on March 7, 2018, the office of the Deputy Building and Safety Director for the City of Las Vegas received a plan set entitled "Calverts Main Extension Plan." The plan set included an irregular and misspelled signature of the City Engineer, Allen Pavelka, with his name signed "Alan" as opposed to the proper spelling "Allen." The plan set further included a signature of a retired Director of Building and Safety, Chris Knight. Mr. Preator asserted that he relied on a

third party, Jorge Guzman, to acquire said signatures, and that said third party, unbeknownst to Mr. Preator, obtained or affixed the forged signatures. Although Mr. Preator denied forging the signatures at issue, he admitted that he is responsible for documents that he seals and signs and that he is responsible to use due care and oversight to manage originals and copies of all documents he has signed and sealed.

In the 2018 Stipulated Agreement, Mr. Preator's Nevada license was placed on probation for twelve (12) months. As part of his probation, Mr. Preator was required to pay certain fines, costs, and fees, and require that he write a Whitepaper on Responsible Charge. The probation under the 2018 Stipulated Agreement has since been completed.

B. Case No. 20190008 – "Forgery Case"

In regard Case No. 20190008, a complaint has been submitted against Mr. Preator by the Executive Director for the State Board on behalf of Marc Kennedy, a professional land surveyor, alleging fraudulent stamping and signing of legal descriptions.

Specifically, On December 18, 2017, Mr. Preator submitted two legal descriptions for a project on Du Fort Avenue to the City of Henderson. Complainant, Mr. Kennedy, inadvertently discovered the two legal descriptions while reviewing projects on the City of Henderson website in August 2019. The two legal descriptions were produced for Preator Consulting by Mr. Kennedy. However, Preator Consulting had not paid for the work, and thus, Mr. Kennedy had not completed the work, as he had not signed or dated the two legal descriptions. The two legal descriptions were, hand signed, dated and submitted to the city on December 18, 2017.

In an effort to explain how the legal descriptions at issue were fraudulently signed, Mr. Preator asserts that he relied on the same third-party blamed in the 2018 Stipulated Agreement, i.e., Jorge Guzman, to obtain the stamp and signature of Mr. Kennedy before submitting the legal

descriptions now at issue. Mr. Preator again asserts that Jorge Guzman must have forged Mr. Kennedy's signature before submitting the legal descriptions to the City of Henderson. Although Mr. Preator denied forging the signatures at issue, he admits that he is responsible for documents that he submits and that he is responsible to use due care and oversight to manage originals and copies of all of said documents.

Mr. Preator has not been able to provide any information or documentation regarding his working relationship with Mr. Guzman, or any evidence that Mr. Guzman exist.

NRS 625.410(2) provides authority for the State Board to administer discipline in Nevada for any gross negligence, incompetency or misconduct in the practice of professional engineering as a professional engineer. NRS 625.410(5) provides authority for the State Board to administer discipline in Nevada for a violation of any provision of NRS Chapter 625. A licensee violates NRS 625.540 by unlawfully practicing land surveying. Specifically, it is unlawful to present or attempt to use, as his or her own, the license or stamp of another person and to impersonate any other licensee of the same or a different name. [1] Additionally, it is a violation of NRS 625.560 to sign a description unless the person holds an unsuspended and unrevoked license as a professional land surveyor.[2]

---

[1] NRS 625.540 states in relevant part as follows:

> 1. It is unlawful for a person ...
>
> (b) To present or attempt to use, as his or her own, the license or stamp of another person.
>
> ...
>
> (d) To impersonate any other licensee of the same or a different name...

[2] NRS 625.560 states as follows:

> It is unlawful for any person to sign or stamp any map, plat, report, description or other document pertaining to the practice of land surveying unless the person holds an unsuspended and unrevoked license as a professional land surveyor.

NRS 625.410(5) provides authority for the State Board to administer discipline in Nevada for a violation of any regulation adopted by the Board. A licensee violates NAC 625.510 by failing to uphold and advance the honor and dignity of the profession by maintaining high standards of ethical conduct regarding honesty.[3] It is a violation of NAC 625.530 for a licensee to fail to act in professional matters as a faithful agent.[4] A licensee violates NAC 625.540(1) by failing to take care that credit for engineering or land surveying work is given to those to whom credit is properly due and violates NAC 625.540(4) by failing to not maliciously injure the professional reputation, business prospects or practice of another engineer or land surveyor.[5]

Based on the foregoing, Mr. Preator stipulates that he violated NRS 625.410(2), in that his conduct constituted gross negligence, incompetence, or misconduct in the practice of professional engineering. Mr. Preator stipulates that he violated NRS 625.540 by unlawfully practicing land

---

[3] NAC 625.510 states in relevant part as follows:

> A licensee shall uphold and advance the honor and dignity of the profession by maintaining high standards of ethical conduct. In particular, a licensee shall:
> 1. Be honest and impartial, and serve his or her employer, clients and the public with devotion;
> ...

[4] NAC 625.530 states in relevant part as follows:

> In a professional engineer's or land surveyor's relations with his or her employers and clients, he or she shall:
> 1. Act in professional matters as a faithful agent or trustee for each employer or client.
> ...

[5] NAC 625.540 states in relevant part as follows:

> In his or her relations with other engineers or land surveyors, the licensee shall:
> 1. Take care that credit for engineering or land surveying work is given to those to whom credit is properly due.
> ...
> 4. Not maliciously injure the professional reputation, business prospects or practice of another engineer or land surveyor.

surveying by presenting the license or stamp of another person and by impersonating another licensee. Likewise, Mr. Preator stipulates that he violated NRS 625.560 by signing a description without a license as a professional land surveyor.

Further, Mr. Preator stipulates that he violated NAC 625.510 by failing to uphold and advance the honor and dignity of the profession by maintaining high standards of ethical conduct regarding honesty. In addition, Mr. Preator stipulates that he violated NAC 625.530 by failing to act in professional matters as a faithful agent. Finally, Mr. Preator stipulates that he violated NAC 625.540 by failing to take care that credit for land surveying work was given to those to whom credit was properly due and by failing to not maliciously injure the professional reputation, business prospects or practice of another engineer or land surveyor.

C. Case No. 20200003 – "Faithful Agent Case"

In regard Case No. 20200003, a complaint has been submitted against Mr. Preator by the Terry Crawford of Quality Auto Body, alleging misconduct and failure to meet terms of a contract.

Specifically, on February 2, 2018, Mr. Crawford contracted with Mr. Preator to provide civil engineering for an auto body repair shop construction project, and paid Mr. Preator a $7,100 retainer. Per the contract, Mr. Preator was to begin working on the project within two days of receiving the retainer. Between February 2018 and February 2020, no work product was provided to the client nor to the professionals and contractors working on the client's behalf. There were various interactions and requests for updates on the status of the project. Mr. Preator asserts that, during the project, he was unable to speak with the architect on the project, Kevin Thistle, from whom Mr. Preator asserts that he received differing site plans. Nevertheless, Mr. Preator informed

the client that various items were under review by planning authorities, even though they were never actually submitted. [6]

NRS 625.410(2) provides authority for the State Board to administer discipline in Nevada for any gross negligence, incompetency or misconduct in the practice of professional engineering as a professional engineer. NRS 625.410(5) provides authority for the State Board to administer discipline in Nevada for a violation of any regulation adopted by the Board. A licensee violates NAC 625.510 by failing to uphold and advance the honor and dignity of the profession by maintaining high standards of ethical conduct regarding honesty.[7] It is a violation of NAC 625.530 when a licensee fails to act in professional matters as a faithful agent.[8]

Based on the foregoing, Mr. Preator stipulates that he violated NRS 625.410(2), in that his conduct constituted gross negligence, incompetence, or misconduct in the practice of professional engineering. Further, Mr. Preator stipulates that he violated NAC 625.510 by failing to uphold and advance the honor and dignity of the profession by maintaining high standards of ethical conduct regarding honesty. Finally, Mr. Preator stipulates that he violated NAC 625.530 by failing to act in a timely and professional matters as a faithful agent.

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[6] Note: This project was not listed on Mr. Preator's probation reports submitted to the State Board pursuant to his 2018 Stipulated Agreement with the State Board in violation of said 2018 Stipulated Agreement.

[7] NAC 625.510 states in relevant part as follows:

> A licensee shall uphold and advance the honor and dignity of the profession by maintaining high standards of ethical conduct. In particular, a licensee shall:
> 1. Be honest and impartial, and serve his or her employer, clients and the public with devotion;
> ...

[8] NAC 625.530 states in relevant part as follows:

> In a professional engineer's or land surveyor's relations with his or her employers and clients, he or she shall:
> 1. Act in professional matters as a faithful agent or trustee for each employer or client.
> ...

Pursuant to NAC 625.640, a disciplinary matter may be resolved without a formal hearing by a Stipulated Agreement. To that end, to resolve Complaint Numbers 2019008 and 20200003 now pending, Mr. Preator and the State Board resolve this matter on the following basis:

1. Mr. Preator's Nevada license shall be suspended for thirty-six (36) months following entry of this Agreement, pursuant to NRS 625.410 (2) and NAC 625.530, but with the suspension stayed and probation imposed for the duration of that time period.

2. The stay of Mr. Preator's suspension may be lifted by the State Board upon notice and the opportunity to be heard should Mr. Preator fail to abide by the terms hereof.

3. Mr. Preator's successful completion of probation is expressly conditioned upon his full compliance with the following conditions of probation:

(a) Mr. Preator shall pay a fine of Five Thousand and No/100 Dollars ($5,000.00) for the Forgery Case and a fine of Two Thousand and No/100 Dollars ($2,000.00) for the Faithful Agent Case, for a total fine of Seven Thousand and No/100 Dollars ($7,000.00), within six (6) months of acceptance and execution of this Agreement by the State Board.

(b) Mr. Preator shall pay Mr. Kennedy in full under his contract therewith for Mr. Kennedy's work on the Du Fort project.

(c) Mr. Preator shall pay for cost of hiring a Nevada license professional land surveyor to review, re-stamp and sign the Du Fort legal descriptions.

(d) Mr. Preator shall immediately notify client and the relevant public entity via letter, with copy to the Board, of the necessity of the Du Fort legal descriptions to be re-submitted with lawful stamping and signature.

(e) Mr. Preator shall reimburse in full the deposited amount Mr. Crawford paid for the Autobody Repair Shop project.

(f) Mr. Preator shall pay the State Board Two Thousand Seven Hundred Sixty-Nine and 50/100 Dollars ($2,769.50) as reimbursement of administrative expenses in this matter, within six (6) months of acceptance and execution of this Agreement by the State Board.

(g) Mr. Preator registering in, paying for and completing an entry level ethics course with Texas Tech University Murdough Center for Engineering Professionalism, and providing proof of completion thereof to Board staff within six (6) months of acceptance and execution of this Agreement by the State Board.

(h) Mr. Preator shall provide to the State Board staff, within thirty (30) days of execution of this agreement by the State Board, a list of projects that were submitted for governmental review in 2017 and 2018, and provide project names, clients, and to which agencies submissions were made. These submissions will be reviewed by State Board staff to determine and identify any other possible statutory and/or regulatory violations.

(i) Mr. Preator shall submit detailed bi-monthly probation reports to the Executive Director of the Nevada Board, which shall report any work completed in Nevada during the previous two (2) month period. A report shall be filed even if no work is performed in Nevada during the previous two (2) month period. The first report shall be due within two (2) months of the effective date of this Stipulated Agreement. Each report shall include client contact information and a copy of the contract executed for any work in Nevada, including the scope of work detail.

(j) Mr. Preator shall provide proof of the completion of thirty (30) professional development hours that are required on a biennial basis for license renewal, pursuant to NAC 625.430 and NAC 625.480.

4. Mr. Preator understands that he must accept this Stipulated Agreement before it will be presented to the Board for consideration.

5. Mr. Preator understands that this Stipulated Agreement is subject to the approval of the State Board and has no force or effect until a final decision is rendered by the State Board.

6. The imposition of discipline set forth in this Stipulation does not limit the powers of the State Board to impose discipline upon Mr. Preator on matters not yet presented to the Board.

7. Mr. Preator acknowledges that he has the following rights, among others:

(a) The right to a formal fact-finding hearing before the State Board;

(b) The right to counsel;

(c) The right to compel testimony of witnesses at hearing;

(d) The right to cross-examine witnesses of the prosecution at hearing; and

(e) The appellate right of judicial review of the State Board's decision resulting from a formal hearing.

8. By entering into this Stipulated Agreement, Mr. Preator hereby waives the above-stated hearing rights, as well as any corresponding appellate rights, should this Agreement be approved and executed by the State Board.

9. Mr. Preator is entering this Stipulated Agreement upon his own volition, with full opportunity to consult legal counsel.

10. This Stipulated Agreement contains the entire agreement between the parties. Mr. Preator is not relying on any other agreement or representation, verbal or otherwise. This Agreement shall be effective upon approval and execution by the State Board.

I, LAZELL PREATOR, have read the above Stipulated Agreement, understand its

contents, and accept the conditions set forth within it.

Signed: _____ Date: 27th November, 2020
LAZELL PREATOR, P.E.

I, LAZELL PREATOR, P.E., have read the above Stipulated Agreement, understand its contents, and do not accept the conditions set forth within it. I request that this matter be scheduled for a formal hearing before the Nevada State Board of Professional Engineers and Land Surveyors.

Signed: _____ Date: _____, 2020
LAZELL PREATOR, P.E.

This Stipulated Agreement is approved by the Nevada State Board of Professional Engineers and Land Surveyors this 14 day of January, ~~2020~~ 2021. The effective date of this Stipulated Agreement is 21, ~~2020.~~ 2021

Date: Jan 21, 2021, ~~2020.~~ KP Signed: _____
KAREN D. PURCELL, PE,
Chairwoman

14. Jason Caster, PLS Stipulated Agreement

STIPULATED AGREEMENT
OF JASON E. CASTER, PLS
LICENSE NO. 19338
COMPLAINT NO. 20210004

This Stipulated Agreement is made by and between the Nevada State Board of Professional Engineers and Land Surveyors (the "State Board") and JASON E. CASTER, licensed as a Professional Land Surveyor in the State of Nevada under License No. PLS 19338 ("Mr. Caster").

On or about February 25, 2021, the State Board received a complaint against Mr. Caster from Jason Wagner ("Mr. Wagner") of Rendezvous Properties. Mr. Caster stipulates to the facts as stated herein as being truthful.

Stipulated Agreement of Facts

On or about February 25, 2021, the State Board received a complaint against Mr. Caster from Mr. Wagner of Rendezvous Properties. The complaint alleged incompetence and failure to provide a written contract. In July 2019, Mr. Wagner hired Mr. Caster to perform a boundary survey on the property and requested, through email, that Mr. Caster locate property corners, stake them, and create an exhibit. Mr. Caster completed the boundary survey in August 2019. In September 2019, Mr. Wagner requested Mr. Caster to perform a topographic map and encumbrance survey. The survey was completed in October 2019. In June 2020, the project had been through the design and review process and subsequently permitted.

During construction, it was discovered that Mr. Caster's survey was "busted" horizontally by approximately 6 feet and vertically by 7 inches. In June 2020, Mr. Caster was made aware of the error. Subsequently, Mr. Wager, through Rendezvous Properties, filed a court action for damages against Mr. Caster. In February 2021, Mr. Caster filed for bankruptcy.

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1. Surveying Errors

Mr. Caster planned to use the boundary survey as the basis and control for the topographic survey, but Mr. Caster did not perform the topographic map himself. Rather, Mr. Caster had an employee of his company that is not a Professional Land Surveyor do the field work and create the map. Mr. Caster failed to notice the errors in the topographic survey, and Mr. Caster's failure to maintain responsible charge of the work performed resulted in the errant map being released to the client.

2. Lack of Contract for Professional Services

No formal contract was executed between Mr. Caster and Rendezvous Properties. Mr. Wagner and Mr. Caster exchanged emails for surveying services, including the scope of the project, cost, and time frame. Mr. Caster indicated to Mr. Wagner that a contract for the work would be forthcoming, but no contract was ever presented to the client. Additionally, Mr. Caster did not disclose to Mr. Wagner that he did not have professional liability insurance until after the damage was done.

3. Restitution for Costs Incurred

Mr. Wagner claims significant cost and time delays were incurred because of the surveying error. In June 2020, Mr. Caster refunded the amount invoiced for the topographic and encumbrance survey, acknowledged that Rendezvous would incur additional costs because of the errors, and verbally committed to a level of reimbursement for the damages. In September 2020, Mr. Caster closed his business and was then hired as a PLS with a civil engineering/surveying firm in Reno, Nevada. After the error was identified, there were negotiations between the two parties and their representatives, but no agreement was reached, and no reimbursement was paid by Mr. Caster. Rendezvous filed a lawsuit against Mr. Caster and Baseline Survey NV LLC, and in

February 2021, Mr. Caster filed Chapter 13 bankruptcy protection, and Baseline Survey NV LLC has since gone into "revoked" status with the Nevada Secretary of State. However, during State Board staff's investigation of this matter, although staff has requested that Mr. Wagner provide documentation to support a possible restitution order by the State Board, Mr. Wagner has failed to provide such documentation.

Violations and Disciplinary Actions

NRS 625.410(2) provides authority for the State Board to administer discipline in Nevada for any gross negligence, incompetency, or misconduct in the practice of professional land surveying as a professional land surveyor. NRS 625.410(5) provides authority for the State Board to administer discipline in Nevada for a violation of any provision of NRS Chapter 625. It is a violation of NRS 625.565 for a professional land surveyor to sign or stamp any document relating to land surveying which was not prepared by the professional land surveyor or for which the professional land surveyor did not have responsible charge of the work.[1]

NRS 625.410(5) provides authority for the State Board to administer discipline in Nevada for a violation of any regulation adopted by the Board. It is a violation of NAC 625.545 for a licensee to perform work without first entering a written contract containing the scope of work, cost, time frame, and a disclosure regarding liability insurance.[2]

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[1] NRS 625.565 (2) states in relevant part as follows:

> 2. It is unlawful for a professional land surveyor to sign or stamp any map, plat, report, description, grading and drainage plan or other document relating to land surveying which was not prepared by the professional land surveyor or for which he or she did not have responsible charge of the work.

[2] NAC 625.545 states in relevant part as follows:

> Before performing any work, a licensee shall enter into a written contract with each client for whom the licensee will perform work. The written contract must include, without limitation:
>
> 1. Provisions specifying:
>
> (a) The scope of work;
>
> (b) The cost for completion of the work; and

Pursuant to NRS 625.460 (1)(c), the licensee may be placed probation or required to pay restitution to clients who have suffered economic losses because of a violation of NRS Chapter 625 or the State Board's regulations.

Based on the foregoing, Mr. Caster stipulates that he violated NRS 625.410(2) and NRS 625.565 (2), as Mr. Caster is grossly negligent in fulfilling his obligation as demonstrated by not being in responsible charge of his employee's work. Mr. Caster further stipulates that he violated NAC 625.545 by failing to provide an appropriate written contract to a client prior to completion of work he performed.

Pursuant to NAC 625.640, a disciplinary matter may be resolved without a formal hearing by a Stipulated Agreement. To that end, to resolve Complaint Number 20210004 now pending, Mr. Caster and the State Board resolve this matter on the following basis:

1. Mr. Caster's Nevada license shall be suspended for three (3) years following entry of this Agreement, pursuant to NRS 625.410 (2) and NAC 625.530, but with the suspension stayed and probation imposed for the duration of that time period.

2. Mr. Caster shall submit detailed bi-monthly probation reports to the Executive Director of the State Board, which shall report any work completed in Nevada during the previous two (2) month period. The first report shall be due within two (2) months of the effective date of this Stipulated Agreement. Further, when stamping any work in Nevada, Mr. Caster shall have his work reviewed by another Nevada licensed surveyor, and the cost therefor shall be paid by Mr. Caster. When submitting his bi-monthly probation reports to the Executive Director, said reports shall include an attestation of review from the Nevada licensed surveyor for

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(c) The anticipated date for completion of the work; and

2. A disclosure as to whether the licensee currently maintains a policy of professional liability insurance.

any work listed in the probation report that required a stamp by Mr. Caster. A probation report shall be filed even if no work was performed in Nevada during the previous two (2) month period.

3. The stay of Mr. Caster's suspension may be lifted by the State Board upon notice and the opportunity to be heard, should Mr. Caster fail to abide by the terms hereof.

4. Mr. Caster's successful completion of probation is expressly conditioned upon his full compliance with the following conditions of probation:

(a) Mr. Caster shall pay a fine of Five Thousand and No/100 Dollars ($5,000.00), payable in ten (10) quarterly payments of Five Hundred and No/100 Dollars ($500.00) apiece, the first due three (3) months from the date of acceptance and execution of this Agreement by the State Board, and the final due thirty (30) months from the date of acceptance and execution of this Agreement by the State Board.

(b) Mr. Caster shall pay the State Board Two Thousand One Hundred Twenty-Seven and 50/100 Dollars ($2,127.50) as reimbursement of legal and administrative expenses expanded by the State Board in this matter, within six (6) months of acceptance and execution of this Agreement by the State Board.

(c) Mr. Caster shall provide to the State Board staff, within thirty (30) days of execution of this agreement by the State Board, an Attestation that he has reviewed the current statutes under NRS Chapter 625 and regulations under NAC Chapter 625.

(d) Mr. Caster shall prepare a White Paper and submit it to the Executive Director of the State Board within sixty (60) days of the State Board's approval of this Stipulated Agreement, for State Board review and approval, on the meaning of being in responsible charge of land surveying, as it is defined under Nevada law.

5. Mr. Caster understands that he must accept this Stipulated Agreement

before it will be presented to the Board for consideration.

6. Mr. Caster understands that this Stipulated Agreement is subject to the approval of the State Board and has no force or effect until a final decision is rendered by the State Board.

7. The imposition of discipline set forth in this Stipulation does not limit the powers of the State Board to impose discipline upon Mr. Caster on matters not yet presented to the Board.

8. Mr. Caster acknowledges that he has the following rights, among others:

(a) The right to a formal fact-finding hearing before the State Board;

(b) The right to counsel;

(c) The right to compel testimony of witnesses at hearing;

(d) The right to cross-examine witnesses of the prosecution at hearing; and

(e) The appellate right of judicial review of the State Board's decision resulting from a formal hearing.

9. By entering into this Stipulated Agreement, Mr. Caster hereby waives the above-stated hearing rights, as well as any corresponding appellate rights, should this Agreement be approved and executed by the State Board.

10. Mr. Caster is entering this Stipulated Agreement upon his own volition, with full opportunity to consult legal counsel.

11. This Stipulated Agreement contains the entire agreement between the parties. Mr. Caster is not relying on any other agreement or representation, verbal or otherwise. This Agreement shall be effective upon approval and execution by the State Board.

I, JASON E. CASTER, have read the above Stipulated Agreement, understand its contents, and **accept** the conditions set forth within it.

Signed: _____ Date: 12-28, 2021.
JASON E. CASTER, PLS

I, JASON E. CASTER, P.E., have read the above Stipulated Agreement, understand its contents, and **do not accept** the conditions set forth within it. I request that this matter be scheduled for a formal hearing before the Nevada State Board of Professional Engineers and Land Surveyors.

Signed: _____ Date: _____, 2021.
JASON E. CASTER, PLS

This Stipulated Agreement is approved by the Nevada State Board of Professional Engineers and Land Surveyors this ____day of _____, 2022. The effective date of this Stipulated Agreement is _____, 2022.

Date:_____, 2022. Signed: _____
MICHAEL KIDD, PLS, Chairman

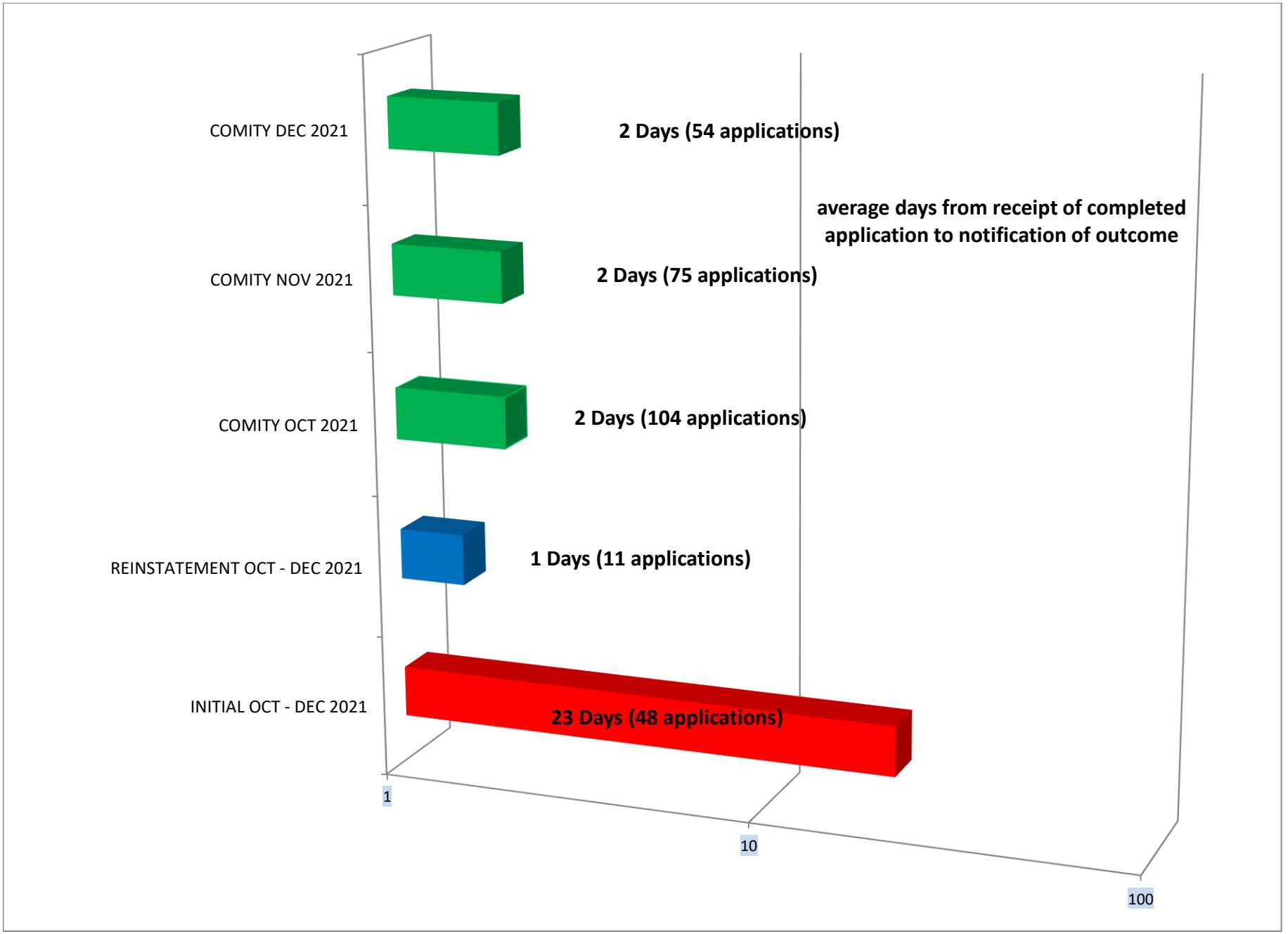
15. xxxx, PE
Stipulated Agreement

[not available at time the board packet was published]

16. Board Counsel Report

17. Administrative Report by Executive Director

17.a. Approved Licensees Report


COMITY DEC 2021
2 Days (54 applications)
average days from receipt of completed application to notification of outcome
COMITY NOV 2021
2 Days (75 applications)
COMITY OCT 2021
2 Days (104 applications)
REINSTATEMENT OCT - DEC 2021
1 Days (11 applications)
INITIAL OCT - DEC 2021
23 Days (48 applications)
1
10
100

17.b. 2021-2025 Strategic Plan

NEVADA BOARD OF PROFESSIONAL ENGINEERS & LAND SURVEYORS

STRATEGIC PLAN UPDATE
Executive Summary
Approved November 12, 2020

UPDATED Fall 2020

EXECUTIVE SUMMARY

STRATEGIC PLAN UPDATE ~ SEPTEMBER 11, 2020

The Nevada Board of Professional Engineers and Land Surveyorsdeveloped a comprehensive Strategic Plan in March 2017. The plan was created using a 10-30 year planning horizon based on the boards's core ideology consisting of a core purpose and core values.

Because the Strategic Plan had been developed in 2017, the board felt it was timely to reconsider its contents. The Board met September 11, 2020 to comprehensively review its Strategic Plan and consider any needed updates to that plan.

At the September 11, 2020 Strategic Planning Session, the board reaffirmed that the goals developed in the current Strategic Plan based on a 10-30 year planning horizon were still relevant. The session then focused on review and refresh of strategies. It was agreed that tactics and action items would be driven by the strategies and developed by the board and its committees at future meetings.

This document restates the board's goals for its updated Strategic Plan and captures the board's strategies for the next 3-5 year planning horizon.

EXECUTIVE SUMMARY
PURPOSE ~ MISSION ~ CORE VALUES

Purpose

The purpose of the board, as stated in Nevada Revised Statute 625.005, is to safeguard life, health and property and to promote the public welfare by providing for the licensure of qualified and competent professional engineers and professional land surveyors.

Mission

Founded on the board's purpose, the board's mission is to uphold the value of professional engineering and land surveying licensure by assessing minimum competency for initial entry into the profession, and to ensure ongoing standard of professionalism by facilitating compliance with laws, regulations, and code of practice; and to provide understanding and progression in licensure by openly engaging with all stakeholders.

Core Values

The board's core values are:

Integrity

Transparency

The core values were identified by board members and staff during the strategic planning sessions as guiding principles in the performance of their duties. A commitment was made to deliver on these values and provide governance that is ethical, honest, and consistent, and to function on a daily basis with accessibility and openness that is without obstruction.

3-5 YEAR PLANNING HORIZON

~ OUTCOME-FOCUSED GOALS AND STRATEGIES ~

The following thinking represents the organization's goals for the next 3-5 years. These **Goals** are outcome-oriented statements that represent what will constitute the Nevada board's future success. The achievement of each goal will move the organization towards the realization of its Envisioned Future. The **Strategies** reflect the broad range of direction that will be undertaken to change the existing conditions in order to achieve the goal – they drive **Tactics** -- the type of work and initiatives that will need to be undertaken to achieve the goal.

Strategies considered at the the September 11, 2020 strategic planning session discussion were presented for board consideration November 12, 2020. New or updated strategies are in bold text.

Outcome-Focused Goals

1. Outreach

The general public, prospective licensees and other key stakeholders have a greater understanding that engineering and surveying licensure are essential to safeguarding public health, safety and welfare.

2. Licensure

The demonstrated value of licensure results in continued growth in the number, quality and diversity of licensed engineers and surveyors practicing in Nevada.

3. Regulation

Nevada regulations are compatible with and reflective of the current state of practice in engineering and surveying and are in alignment with Nevada's economic development strategy.

4. Operational Excellence

The Nevada Board's efficient and effective use of technology and streamlined systems, processes and procedures result in high levels of satisfaction by all stakeholders.

Goal 1: Outreach

The general public, prospective licensees and other key stakeholders have a greater understanding that engineering and surveying licensure are essential to safeguarding public health, safety and welfare.

Strategies

1. Increase legislators understanding of criticality of services provided by the board and professional engineers/professional land surveyors

2. **Evolve technical capability and expand social media presence**

3. Increase visibility of the Board

4. **Sustain appropriate allocation of resources for effective content development**

Goal 2: Licensure

The demonstrated value of licensure results in continued growth in the number, quality and diversity of licensed engineers and surveyors practicing in Nevada

Strategies

1. Increase/stress the importance of licensure to university level students

2. Increase the public's knowledge about the value of licensure

3. Increase kids' knowledge of what engineers/land surveyors do

4. **Continuously work to improve the process and portability of licenses**

5. Provide options to meet land surveyor educational requirements

6. **Increase knowledge of the quality of experience required for licensure to potential licensees**

7. **Maintain relevancy of engineering licensure, specifically as it relates to emerging technologies**

Goal 3: Regulation

Nevada regulations are compatible with and reflective of the current state of practice in engineering and surveying and are in alignment with Nevada's economic development strategy.

Strategies

1. **Maintain currency and applicability of statutes and regulations**

2. Increase relationships with key stakeholders

3. **Increase awareness of new/emerging technologies in relation to statutes and regulations**

Goal 4: Operational Excellence

The Nevada Board's efficient and effective use of technology and streamlined systems, processes and procedures result in high levels of satisfaction by all stakeholders.

Strategies

1. **Maintain effective staff capacity**

2. **Maintain business plan for resource allocation to support board goals**

3. **Maintain effective office and administrative processes**

4. Build a data collection strategy to ensure we have data needed for effective decision making

5. **Increase transparency and communication with stakeholders of board functions, operations, and initiatives**

17.c. NCEES

18. Committee Reports

18.a. Administrative Procedures Oversight Committee

18.b. Legislative Committee

18.c. Professional Association Liaison Committee

18.d. Public Outreach Committee

18.e. PLS Standards of Practice Subcommittee

18.f. Committee for Planning and Hosting of 2022 NCEES Western Zone Meeting

19. City of Henderson Quality of Plan Submittal Task Force

20. Karen Purcell's Candidacy for NCEES Western Zone Vice President

21. Government Liaison Report

22. Board Sponsored/Offered Training Related to Ethics and Nevada Law Continuing Education Requirements

23. Board and Staff Assignments

Action List

BOARD MEETING ITEMS

September 12, 2019 Board Meeting

12. Administrative report by Executive Director

b. Action items related to the 2017-2021 Strategic Plan

Mr DeSart asked that dates be posted on our website of when the Las Vegas board office is staffed. **Staff**

January 16, 2020 Board Meeting

18. Discussion and possible action on Nevada specific Professional Land Surveyor exam, Nevada Revised Statutes 625.280 and Nevada Administrative Code 625.310 (4).

Target date for release of reference material and practice exam June 1, 2020. Date to be determined – based on number of exams currently scheduled for the first quarter of 2021. **Staff**

May 20, 2021 Board Meeting

22. Discussion and possible action on status of Board and staff assignments.

Hard copy print run of the statute and regulation handbook include NRS/NAC 327 and 329. **Staff**

July 14, 2021 Board Meeting

15.b.ii. Consider eliminating Nevada specific exam for PE endorsement licensure applicants and its place institute an attestation confirming familiarity with Nevada Revised Statutes and Nevada Administrative Code Chapter 625.

Work with the legislative committee to develop an attestation confirming familiarity with Nevada Revised Statutes and Nevada Administrative Code Chapter 625 for endorsement licensure applicants. **Staff**

15.b.iii. Consider a future bill draft request to update Nevada Revised Statue 338.173 related to certificates of eligibility.

Add action item to the LegComm Committee to draft a bill draft request to repeal NRS 338.173 related to certificates of eligibility. **Staff**

15.b.iv. Consider a future bill draft request to update Nevada Revised Statue 625.050 related to engineer in responsible charge of observation, inspection, and testing of construction.

Add action item to the LegComm Committee to draft a bill draft request to amend 625.050 related to

engineer in responsible charge of observation, inspection, and testing of construction and construction materials. **Staff**

September 16, 2021 Board Meeting

15. Discussion and possible action on board committee reports.

d. Public Outreach Committee, Chair Robert Fyda

Mr Fyda and Ms Mamola to discuss possible agenda items for future Public Outreach Committee meetings. ***DONE***

November 18, 2021 Board Meeting

14. Discussion and possible action on issuing an EI certificate to Douglas Fellenz.

Staff to issue and EI certificate to Mr Fellenz. ***Done***
Ms Mamola to send fully executed Decision and Order to Mr Fellenz.

15. d. Consideration of board authorized digital signatures including the possibility of requiring third-party verification of digital signatures, input received from southern and northern Nevada building departments and licensees.

Ms Mamola to remove this item as a standing agenda item. ***Done***

16.d. Public Outreach Committee, Chair Robert Fyda

Mr Fyda and Ms Mamola to discuss possible agenda items for future Public Outreach Committee meetings. ***DONE***

19. Discussion and possible action on Nevada Administrative Code 625.260(2).

Ms Mamola to include this item on the agenda for the next legislative committee meeting.

22. Discussion and possible action on meeting dates.

In addition to calendar invites being sent for all board and committee meetings, Ms Mamola to send save the date calendar invites for any future NCEES meetings and events. ***DONE***

23. Discussion and identification of topics for future meetings including possible proposed amendments to the Nevada Professional Engineers and Land Surveyors Law, Nevada Revised Statutes and Nevada Administrative Code Chapter 625.

Ms Mamola to add an agenda item to discuss at a future board meeting whether the board should, a) develop an offer that training and or b) if the board could or should come up with some options that they could post on the website - links to other trainings that the board considers acceptable or something similar – to help licensees understand what is considered acceptable. ***DONE***

COMMITTEE ITEMS

PROFESSIONAL ASSOCIATION LIAISON COMMITTEE

7. Discuss board's updated Strategic Plan—goals and strategies related to PAL Committee and discuss possible tactics/action items.

Goal 2: Licensure – Strategy (5): *Provide options to meet land surveyor educational requirements*

Consider forming sub-committee to contact with UNLV Dean of Engineering about creating a minor in land surveying

May 19, 2021 Meeting

5. Recap of September 28, 2020, PAL Committee meeting that focused on the quality of engineering and land surveying documents submitted to public agencies, please refer to September 28, 2020 approved PAL Committee meeting minutes

Consideration of working group (SEs + CEs) to consider structural limitations on CE license

Training/continuing education by professional association to address issues highlighted with lateral load design deficiencies. Share any training information (dates/times/location) with all associations.

Issue of why "dry utilities" are not required on plans was raised. Consensus was they should, but hurdles in doing that were highlighted. Not an action item – just to be noted.

ADMINISTRATIVE PROCEDURES OVERSIGHT COMMITTEE

March 30, 2021 Meeting

5. Discuss third-party verification of digital signatures for licensees of the board and possible role of the board in the verification process including cost participation.

Continue to monitor other states regulations relating to third-party verification requirements.

10. Consider strategies and tactics associated with board strategic plan goals.

Staff to propose tactics for committee consideration.

PUBLIC OUTREACH COMMITTEE

January 6, 2021 Meeting

5. Consider and discuss tactics and action items for Public Outreach Committee related to updated Strategic Plan
Draft *Tactics* from committee discussion.

8. Consider and discuss next six to twelve months public outreach/social media efforts.

Local school districts be informed if/when the Speakers Bureau on the board website is in place to as a resource for presenters on STEM topics in local schools.

March 10, 2021 Meeting

5. Discuss public communications analytics that were presented to the board at its January 14, 2021 regular board meeting.

Continue to monitor social metrics for comparison against previous campaign. ***DONE***

7. Consider and discuss next fiscal year public communications/social media efforts and budget needs.

In recap of campaign with Vogel seek advice on tactics – based on what has been learned from the campaign – to support the revised strategies of the board. ***DONE***

LEGISLATIVE COMMITTEE

Legislative Committee Meeting – April 16, 2020

4. Discuss potential changes to Nevada Administrative Code chapter 625

Mr MacKenzie suggested that the relevance of previous discipline be included as a consideration in the determination of appropriate discipline in a current matter be added as a specific item for the committee to address. He said there's references in policy – the disciplinary matrix – but not currently in regulation. Mr MacKenzie said he would draft text for consideration by the committee. **Chris MacKenzie**

5. Discuss potential changes to Nevada Administrative Code chapter 329 related to perpetuation of corners

NAC 329 and NRS 327 regulations to be included in the next printed version of chapters 625, 329, and 327. **Staff**

Legislative Committee Meeting – May 5, 2020

4. Consider the following changes to Nevada Revised Statute 625, 327

NRS 625.175—discipline specific vs PE state (discipline specific language added in 1975, AB 604—Committee on Judiciary)--on hold until we can discuss with our NCEES counterparts at a future NCEES meeting. (see revision per LegComm meeting 6.17.2021 below)

NRS 327—Nevada Coordinate System; Geographic Names--waiting for NALS to provide proposed changes to NRS 327 and will work to include in board's bill draft request.

Legislative Committee Meeting – November 4, 2020

5. Discuss proposed NAC 625.310(4), requiring engineering applicants to pass a short exam on chapter 625 of NRS and NAC.

Short exam on chapter 625 of NRS and NAC to be updated by staff (periodically) and submitted to LegComm for approval.

Hard copy format of Chapters 625,329, and 327 to be produced and made available on request. Request section to be added to website.

9. Discuss 2-hours of ethics and 1-hour Nevada laws and rules training required to meet biennial continuing education requirements per NAC 625.430.

Adjust license renewal materials to included attestation section for compliance with revised continuing education requirements. Staff

Legislative Committee Meeting – June 17, 2021

5. Consider future licensing of engineers as it relates to emerging technologies and blended engineering degrees including considering retention and/or modification of specific disciplines licensed by the board.

Develop position statement of the issues to be addressed. This item to encompass discipline specific vs PE state discussion action item from the LegComm meeting 5.20.2020 (above). Ms Purcell and Ms Mamola

Form working group to discuss and identify possible solutions to the issues identified by position statement. Ms Purcell will lead the working group.

Additional items:

Present *Strategies* identified from Strategic Plan refresh to the committee to develop *Tactics*

Review board *Rules of Practice* (following regulation update)

Further review of NAC 625.610
– section 10 for "verifiable" requirements associated with digital signature
- section 13 for further clarity in revision of original plans prepared by another licensee

Further review of NAC 625.611
- consideration of verbiage relating to electronic submittals (format details)
- relating to completeness or minimum standard for a plan set submittal (details beyond admin requirements)

Consideration of additional affidavit requirement for license renewal—good character and dishonesty
- relating to NRS 625.183.2 (a) / NRS 625.270.2 (a) / NRS 625.410.4

SPECIAL SUB-COMMITTEE (PLS Standards of Practice)

February 25, 2021 Meeting

3. Discuss regulations related to standards of practice for land surveying, refer to Addendum A for list of regulations.

Review statutes relating to PLS and identify regulatory gaps.

Mr Gingerich/Ms Mamola to connect with Mr Handrock (Washoe County Surveyor) for list common issues seen in northern Nevada submittals.

Staff to format issue list and forward to other Nevada reviewing entities for input and comment.

Next meeting to be set after statute gap analysis and feedback received on common issues.

SPECIAL SUB-COMMITTEE (NCEES Western Zone Interim Meeting Planning)

April 19, 2021 Meeting

3. Discuss hosting of NCEES Western Zone Interim meeting in Nevada, May 19-21, 2022.

Possible lunch/dinner speakers
- Ms Mamola to contact Edgewood Tahoe for recommendations
- Mr Matter to forward name of Lake Tahoe/Nevada history speaker
- Ms Mamola to contact Andy Kirk (NV Cold War history) and Paul Pace (Von Schmidt Line)

STRATEGIC PLAN ITEMS

Executive Summary REVISED – Approved November 12, 2020

Present *Strategies* identified from Strategic Plan refresh to respective committee to develop *Tactics.*

Format *Tactics* from committee discussions and draft supporting *Action Items* for implementation.

DRAFT *Annual Report* for APOC/Public Outreach committee review.

BUSINESS PLAN ITEMS

Electronic submittals + digital signing of documents.

System database comprehensive upgrade.

Website effectiveness.

24. Future Meeting Dates

BOARD MEETING DATES

Board meetings are typically scheduled for the second Thursday of every other month.

March 10, 2022 — Reno

May 12, 2022 — Las Vegas

July 21, 2022 — Reno

September 15, 2022 — Las Vegas

November 17, 2022 — Reno

Future NCEES Meetings

NCEES Western Zone Interim Meetings

May 19-21, 2022 — Stateline, Nevada

May 2023 — Houston, Texas (all four zones)

May 16–18, 2024 — Bozeman, Montana

NCEES Annual Meetings

August 23–26, 2022 — Carlsbad, California

August 15–18, 2023 — Boston, Massachusetts

August 20–23, 2024 — Chicago, Illinois

25. Topics for Future Meetings

26. Public Comment