

**NEVADA STATE BOARD OF
PROFESSIONAL ENGINEERS
AND
LAND SURVEYORS**



**Regular Board Meeting
November 16, 2023
Reno, NV**

1. Meeting Call to Order

2. Pledge of Allegiance

3. Public Comment

4. Introductions

5. NRS 625 Waiver Requests

WAIVER REQUEST
Thursday, November 16, 2023

APPLICANTS REQUESTING WAIVER OF NRS 625.270(2)(b)			
NAME	DISCIPLINE	TO:	GRANT?
1. Aaron Martinez	PLS	Matthew Gingerich, PLS	
<i>Waiver Request: NRS 625.270 (2)(b) Pass the examination on the fundamentals of land surveying required by paragraph (a) of subsection 1 of NRS 625.280 or receive a waiver of that requirement.</i>			

6. Non-Appearence Applications for Initial Licensure

**NEVADA STATE BOARD OF
PROFESSIONAL ENGINEERS 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 Engineering): Washington Accord	4	4
Undergraduate (BS Engineering): Non-ABET/non-Washington Accord (must meet NCEES education standard, any deficiencies to be considered by board)	4	4
Undergraduate (BS Construction Management): ABET accredited	4	4
Undergraduate (BS Construction Management): Not ABET accredited but institution has ABET accredited engineering programs	4	4
Engineering Masters: US Masters with non-US BS and/or non-Washington Accord in Engineering	6	2
Engineering Doctorate: US Doctorate with non-ABET/non-Washington Accord/foreign BS+MS in Engineering	6	2

**NEVADA STATE BOARD OF
PROFESSIONAL LAND SURVEYORS
EDUCATION CREDIT GUIDELINES**

DEGREE	YEARS CREDIT (MAX)	YEARS ACCEPTABLE EXPERIENCE REQUIRED
Undergraduate (BS Surveying): ABET/EAC accredited	4	4
Undergraduate (BS Surveying): ABET/ETAC accredited	4	4
Undergraduate (BS Surveying): ABET/ANSAC accredited	4	4
Undergraduate (BS Surveying): non-accredited	4	4
Surveying Associates Degree + another associates degree	4	4
Surveying Masters Degree	2	2
Engineering degree with a minimum 30 surveying credits hours (must include a PLSS course)	4	4
Non-Engineering Bachelor of Science degree with a minimum 30 surveying credit hours (must include a PLSS course)	4	4
Bachelor of Arts degree with a minimum 30 surveying credits hours (must include a PLSS course)	4	4
Bachelor of Arts degree + Surveying Associates Degree	4	4
Military Specialty in Surveying + Surveying Associates Degree	4	4

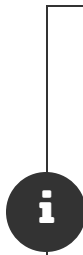
Chemical

LIANG CHEN (23-457-36)

All work experience reviewed by two licensed professionals

DISCIPLINE: CHEMICAL

GENERAL



Applying To
Nevada

Application Type
Initial - PE

Application Date
10/25/2023

Citizenship
Canada

SUMMARY



Engineering Experience
after EAC degree

Total Engineering
Experience
5 years, 4 months

Experience under licensed
engineer
3 years, 9 months

Other Experience
1 year, 3 months

Disciplinary Action
None reported



EDUCATION



Meets NCEES Engineering Education Standard

Bachelors in Applied Chemistry
China University of Petroleum - Beijing
September 2007–June 2011

Masters in Chemical Engineering
University of Alberta
September 2011–November 2014



EXAMS



Fundamentals of Engineering (FE)
Nevada
May 2023

Principles and Practice of Engineering (PE)
Chemical
Nevada
October 2023

LICENSES



Additional Licenses
None

LIANG CHEN (23-457-36)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Baker Hughes
Alberta (Canada)
Technical Support Representative
November 2014—June 2016

Verified by
Xianhua Feng
xianhua.feng@veolia.com

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

TASKS

My responsibilities of the role included performing oil production specialty chemical product development and formulation tests, analyzing plant production data, designing lab testing procedure and maintaining the safe operation of the R&D lab. I analyzed the performance of a variety of Baker Hughes' specialty chemicals including demulsifiers for froth treatment, oilfield wastewater treatment chemicals, and oil recovery enhancement chemicals for SAGD. I used relevant process fluids from the field to conduct different tests. I studied the impact of chemistry formulation, chemical dosage, solids content and the correlation between production light solvent loss and the use of dewatering chemicals. I utilized the results from lab tests as the basis to estimate the performance of the chemicals I tested based on the fundamental mass balance. I recommended applicable dosage of the chemicals I tested to individual plants/production units where the chemicals were to be added. I also routinely performed product stability and compatibility tests to rule out the chance of product settling, incompatible chemistry with the application environment, property changes due to temperature swings, etc. The tests I used to evaluate product stability and compatibility included polymer film rheology study, electropotential measurements, viscosity measurement, etc. I provided feedback on how to properly store and transport the chemicals based on the test results I observed. I also used my test results to caution the limits of the polymer products of Baker Hughes in extreme application environments. Last but not least, I maintained the safe operation of the R&D lab where I worked by effectively managing the chemical waste disposal process, updating chemical storage inventory, updating and creating safe operation procedure for routine and new tests.

REPRESENTATIVE PROJECTS

Key project 1: froth treatment demulsifier evaluation pre-pilot test Location: Leduc, Alberta, Canada Time: 2014/12-2015/05
In order to gather information on the dewatering performance of a chemical product in the froth treatment step of an oil producer in Alberta, I tested the chemical with process fluids from the unit outlet at varying dosage and temperatures. I conducted titration tests to analyze the residual water content in the oil phase to select an optimal dosage at the process operation conditions. I also analyzed light solvent loss as the result of the formation of sludge layer using centrifuge and distillation tests. I performed solids content analysis to understand the correlation between solvent loss and the amount of solids trapped in the sludge layer. Based on the test results, I drew conclusions on the performance of the chemical, recommended optimal dosages and advised chemical compatibility for chemical storage. The basis of estimating optimal dosage was based on the process mass balance of the plant.

Key project 2: wastewater treatment tank average residence time study Location: Leduc, Alberta, Canada Time: 2015/06-2015/07
To debottleneck the chemical treatment process of the wastewater treatment system of an oil production facility, fluorescent dye tracer was added at the beginning of the process stream. Field technicians helped collect water samples at various downstream sampling points within a 5hr duration after the chemical addition. I conducted the sample analysis of the process water sample collected. I used UV light adsorption method to find the correlation between light adsorption intensity and the residual dye concentration. For each specific sampling point, I created a dye exiting/residing plot which linked dye concentration change with time. I factored in elements such as inlet & outlet flow, vessel size, the involvement of mechanical mixing, etc. to help interpret the test results. I particularly analyzed the primary wastewater treatment vessel's residence time with its dimensions and nozzle elevations to understand how stagnant fluid zones were formed inside the vessel to explain the dye concentration in the exiting stream. My test results were compared with Computational Fluid Dynamics (CFD) simulation analysis results of the tank to allow the system owner to decide the optimal operation conditions of the vessel.

Key project 3: Steam-Assisted Gravity Drainage (SAGD) oil recovery enhancement chemical evaluation
Location: Leduc, Alberta, Canada Time: 2015/10-2016/03
A novel chemical application was proposed by the headquarter R&D center of Baker Hughes. I was one of the two team members in the Canadian Technology group to help evaluate the performance of the novel application with high temperature, high pressure tests. The plant owner injected the diluted novel chemical with overheated steam that was pumped to the underground oil reservoir. My colleagues at the production site helped collected oil samples at the recovery stage, in which saturated condensate mixes with oil and solids and is pumped back above the ground. The goal was to evaluate if the addition of this novel chemical could help create a relatively clear phase separation at the first free water knockout downstream of the recovery vessel. I analyzed the process samples by comparing recovered oil content from batch to batch and monitoring the solids content variation to make

sure the addition of this chemical did not negatively influence the residual solid content.

LIANG CHEN (23-457-36)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

La Maison Simons
Alberta (Canada)
Customer Sales Associate
August 2016—November 2016

Verified by

Experience Summary

Part-Time

Other: 3 months (75%)

Experience under licensed surveyor:

None



DESCRIPTION

LIANG CHEN (23-457-36)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

*Crate and Barrel Canada
Alberta (Canada)
Merchandiser
July 2017—June 2019*

Verified by

Experience Summary

Part-Time

Other: 1 year (50%)

Experience under licensed surveyor:

None



DESCRIPTION

LIANG CHEN (23-457-36)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Lailey Winery
Ontario (Canada)
Bookkeeper and admin assistant
September 2019—October 2019

Verified by

Experience Summary

Full-Time

Other: 1 month

Experience under licensed surveyor:

None



DESCRIPTION

WORK EXPERIENCE

Reynold Stokes Engineering Inc.
Ontario (Canada)
Chemical Process Engineer
November 2019—December 2022

Verified by
Jeffrey Curtis Moote
jmoote@reynoldstokes.ca

Experience Summary
Full-Time
Engineering: 3 years, 1 month
Experience under licensed engineer:
3 years, 1 month

TASKS

My responsibilities for this role included:

- 1, designed vessels and piping systems by conducting calculations and simulations; analyzed production data to troubleshoot bottlenecks; obtained installation and operation knowledge of a wide range of processing units including boilers, heat exchangers, pumps, reactors, distillation columns, water treatment and recycling systems and more.; sized and selected I&C devices.
- 2, established process control narratives, SOPs, interlock tables for PLC and DCS programming; facilitated system commissioning by developing start-up plans and shutdown mechanisms with operation team and DCS specialists; assisted HAZOP, PHA reviews to ensure process safety.
- 3, reviewed design deliverables to ensure code compliance; strengthened knowledge on technical safety standards and codes including ASME, ISA, ANSI, CSA, NFPA; registered/assisted the registration of pressurized systems and boilers with TSSA.
- 4, simulated a variety of processing units using ASPEN PLUS and HYSYS; obtained knowledge of generating cost estimates using ASPEN capital cost estimator; analyzed and optimized piping design using CAEPIPE; sized/designed pipe supports and expansion joints.
- 5, performed project tender assistance including spec sheet generation, drawings generation, preparing RFPs/RFQs, bid analysis; liaised between vendors and project stakeholders, reported project progress with summaries, presentations, etc.
- 6, drafted P&IDs, mechanical drawings; reviewed a variety of engineering design drawings.

REPRESENTATIVE PROJECTS

Key project 1: heterogenous catalytical reactor integration project/R4 project. Location: Hamilton, Ontario, Canada Time: 2019/11-2022/12

An anhydride and organic acid manufacturer needed to achieve up to 40% production expansion. A new generation of reactor was procured to deliver the production capacity increase. The project lasted 4 years. I joined the design team after conceptual design was delivered. Our firm was responsible for all process piping and molten salt storage system design for the new reactor. In addition, ASPEN simulation was required to identify potential process bottlenecks once the production capacity was increased. My responsibilities for this project included process piping design, I&C optimization, process hazards management, process control system design, and commissioning support. For process piping design, my primary focus was pipe stress analysis, pipe support and routing optimization for a series of pressurized piping systems for steam and molten salt transportation with piping size ranging from small bore to 32" carbon steel piping. To facilitate the ASPEN debottleneck process, I created a reactor model and helped optimize the heat exchangers of the simulation to spearhead the analysis on additional cooling capacity needs. Another major contribution I made was to create a comprehensive control narrative document for the new reactor system and highlighted the parallel control philosophies of the existing reactors. This 200+ page narrative document was the basis for control logics and algorithms to be created as it included the interlock table for all sensors and control devices of the new reactor. A SOP was extracted from this document. I also reviewed and examined all DCS control algorithms for critical shutdowns and dosing. Commissioning discoveries and rectifying changes were added the control narrative before the full handover to the system owner. Other smaller tasks I performed included sizing I&C devices, performing insulation calculation and design, sizing emergency relief devices and pump selection, etc.

Key project 2: packed distillation column replacement in kind/DT-402 replacement. Location: Welland, Ontario, Canada. Time: 2021/07-2022/07.

A column used in phosphine-based material purification suffered fouling and increased pressure drop and the reduced performance caused increased operation time. The process involves a highly hazardous, auto-flammable phosphine compound at high pressure. A replacement-in-kind strategy was adopted as it entailed the least impacts to the overall process and construction downtime. This project lasted 12 months. Our firm was responsible for procuring the replacement column and optimize its internal support. I was the lead engineer of this project. I verified the original design load and material requirements, recreated the original design drawings of the column before soliciting quotes for a new column and the condenser. Internal packing procurement posed challenges as one of the two original packing materials was discontinued. After about 1 month of research, I was able to identify and recommend a similar product with improved technology to replace the discontinued internal packing. The lack of internal

support of the original column was resolved by adding new tab supports at the bottom of each column section. I came up with the new column section support design by borrowing ideas from a nozzle flow rectifier that has minimized flow impedance features. Tab thickness and weld strength of support was further calculated based on ASME B31.3. The column with new internal support design was eventually fabricated by a local shop in Southern Ontario. I also supersized the packing and installation process of the replacement unit. The construction took place in July 2022 and the system was commissioned in August 2022. After three months of operation, the owner reported a full success of this replacement column.

LIANG CHEN (23-457-36)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Tesla Motors
Nevada (United States)
Chemical Process Engineer
January 2023—September 2023

Verified by
John Kopf
jkopf@tesla.com

Experience Summary
Full-Time
Engineering: 8 months
**Experience under licensed engineer:
8 months**

TASKS

My responsibilities include the following:

- 1, managed a wide variety of design projects by creating conceptual, primary and for-construction design packages for process utility systems of Tesla GFNV factory including compressed air, wastewater, gases, electrolyte systems, fuel storage, etc.; drove and scoped process-oriented design projects to allow budgetary approvals to be secured and construction resources to be allocated; enabled design and construction strategy development for individual projects with equipment pricing, constructability analysis and operation time analysis.
- 2, conducted necessary engineering calculations for tank sizing, process capacity assessment and mass and energy balance calculations; utilized simulation tool Pipeflo for piping calculation and pump selection; maintained and created process related P&IDs, 3D models, PFDs using 2D and 3D tools; specified I&C devices, insulation and piping materials based on internal standards and process compatibility analysis; conducted engineering analysis to ensure design changes comply with OSHA, federal and local level regulations.
- 3, collaborated with internal and external peers and vendors in all phases of design and construction processes; negotiated with vendors for optimized cost and delivery timeline; supervised work progress of designers; coached junior team members for improved productivity.

REPRESENTATIVE PROJECTS

Key project 1: coating wastewater drainage system design/DCN-1277 Location: Sparks, Nevada
Time: 2023/04-ongoing

This project was to design the discharge system of 6 process containers with a total capacity of 131,000 gallons. In addition, new wastewater storage capacity must be created to allow the temporary holding and integration of the collected wastewater streams with the existing treatment system on site. Challenges facing the project included extremely limited available footprint for new pumping and piping equipment to be added, competing/contradicting process chemistry requirements, routing pipe through complicated as-built structure and under-determined storage philosophy and wastewater treatment philosophy. I took over the project after conceptual design stage and led the process design scope since then. I sized and selected tanks based on overall material balance and relevant system design capacity limits. To allow piping design to be initiated, I created simulation models to estimate flow and pressure drop for various of piping networks and sized a number of pumps for different systems. I completed the 2D primary design, sized and selected emergency relief devices, specified a series of I&C devices, guided and reviewed the 3D routing of multiple individual piping networks for process water, wastewater and compressed air systems, reviewed SOPs of the new design. To facilitate project management effort and improve constructability, I obtained pricing for major equipment, created equipment layout, created PFDs and established operation Gantt charts to visualize the overall construction impact.

Key project 2: module production line pneumatic robot system overhaul Location: Sparks, Nevada Time: 2023/03-2023/08

This project was to demolish existing module manufacturing automation lines and install re-configured assembly lines in place to improve production efficiency. The footprint of the project covered a 200'x150' area with complicated existing utility piping network and barebone 2D, 3D representation in design documents. I started the project with extensive as-built efforts to rectify both 2D and 3D drawings of the area in order to create an accurate demolition package for construction. Once the demolition package was accepted, I created new process air flow simulation model to ensure adequate compressed air flow was achievable with the large number of drops to serve the area. I specified piping materials and created new P&IDs for the impacted area, and guided/reviewed the piping routing design to ensure constructability of the final deliverable.


Civil

AMOL SUDHAKAR JADHAV (19-923-37)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL


 Applying To **Nevada**

Application Type **Initial - PE**

Application Date **10/30/2023**

Citizenship **India**



SUMMARY

 Engineering Experience after EAC degree


Total Engineering Experience **3 years, 8 months**

Experience under licensed engineer **3 years, 8 months**

Disciplinary Action **None reported**


 

EDUCATION

 Bachelors in Civil Engineering (Unofficial Transcript)
University of Mumbai
August 2014–May 2018

Masters in Civil Engineering
SUNY, State University of New York, University at Buffalo
August 2018–February 2020

EXAMS

 Fundamentals of Engineering (FE)
Michigan PE
July 2019

Principles and Practice of Engineering (PE)
Civil
Nevada
September 2023

LICENSES

 Additional Licenses **None**

AMOL SUDHAKAR JADHAV (19-923-37)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Exeltech Consulting Inc.
Washington (United States)
Design Engineer
February 2020—March 2022

Verified by
Daniel Lillie
Daniel@dynamic-engineer.com

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



TASKS

Responsible for analysis, design and preparing construction documents for Bid and construction purposes. Responding to RFI's and conducting Construction Administration.



REPRESENTATIVE PROJECTS

Oregon Department Of Transportation Bridge Load Rating - Multiple Bridges around Oregon (September, 2020 - November, 2020) - Conducting load rating of single-span and multi-span timber bridges. Scope included load rating of timber bridges per ODOT LRFR manual. I was tasked with load rating approximately 20 timber bridges. Responsibilities included looking through field reports to interpret different factors that will have to be considered, determining loading on the bridges, conducting appropriate calculations to determine load rating of Beams, Columns etc. and creating detailed report to be submitted to Oregon Department Of Transportation.

Lynn Residence - Fox Island, WA (September, 2021 - October, 2021) - Design of a two-story Single Family Residence consisting of a basement. Scope included lateral and gravity design of the structure. My responsibilities included design of piles for the foundation, design of concrete basement walls, design of wood beams and rafters to frame the roof, design of steel canopy and lateral design of the structure. I also detailed the structure for lateral and gravity loads and was responsible for putting together the construction documents.

Earthquake Ready Burnside Bridge - Portland, OR (June, 2021 - November 2021) - Preliminary design of a multi-span concrete bridge over the Columbia River. Scope included lateral and gravity design of the structure. My responsibilities included running Structural Model to determine gravity and lateral loads on concrete columns and beams and to design them for those loads. I was also tasked with conducting L-Pile analysis for the piles for the structure.

AMOL SUDHAKAR JADHAV (19-923-37)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Wright Structural Engineers
Nevada (United States)
Structural Engineer
March 2022—October 2023

Verified by
Mark David Rowe
drowe@wrightengineers.com

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



TASKS

Responsible for managing projects up to a design budget of \$125000 and responsible as a project Engineer for projects with design budget more than \$125000. Responsible for completion of complete design documents, conducting construction administration and responding to RFI's. Responsible for design steel, concrete, wood and masonry structures. Responsible for helping senior staff with Training Plan. Helping younger engineers with design tasks and analysis. Reporting progress on projects to Senior Engineers in timely fashion. Interacting with clients to meet client expectations.



REPRESENTATIVE PROJECTS

Sunpoint Commerce Center - North Las Vegas, Nevada (May, 2022 - Currently under construction) - Design of 2 Tilt-Up buildings (Building 1-240,000 square foot & Building 2-343,000 square foot). Scope included complete design of buildings for gravity and lateral forces and design of Retaining walls. I calculated the gravity and lateral loads for the structure and I designed the gravity members (Steel Joists, Beams and Columns, tilt-up concrete panels), lateral elements (tilt-up concrete elements to resist lateral loads, design of buckling restrained braced frames), foundations, retaining walls for the site and I detailed the gravity and lateral members to create cohesive structural plans. I also reviewed shop drawings and responded to RFI's.

Ainsley at Tivoli - Las Vegas, NV (August, 2022 - Currently in construction administration) - Design of a 5-story Multi-Family apartment wood building and a 5-story precast parking garage. Scope included complete design of wooden apartments, lateral analysis of precast parking garage and foundation design for the same. I created the Structural model for the precast parking garage to calculate the lateral loads and provide them to Precast Design Engineer. I designed and detailed the foundations for the parking garage. I recommended proper co-ordination of the Apartment buildings and parking garage foundation so that field issues are not encountered and reviewed the apartment buildings foundation to determine if there were any conflicts. I reviewed the shop drawing reviews and I responded to any RFI's related to parking garage.

Nacho Daddy 4th and Fremont - Las Vegas, Nevada (May, 2022 - October, 2023) - Design of a new 2000 square foot masonry addition to existing building and modification to the existing building. Scope included complete lateral and gravity design of addition and modifications. I designed the glulam beams, steel columns, wooden rafters, masonry walls and lintels for gravity loading. I also designed the masonry walls for lateral forces to be resisted by the structure. I detailed the connection between old structure and modifications and conducted the detailing for the new structure. I reviewed the shop drawing reviews and responded to RFI's.

PETER MONTEJO (18-726-07)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL



Applying To
Nevada

Application Type
Initial - PE

Application Date
10/05/2023

Citizenship
United States

SUMMARY



Engineering Experience
after EAC degree
4 years, 1 month

Total Engineering
Experience
4 years, 8 months

Experience under licensed
engineer
4 years, 8 months

Other Experience
1 year

Disciplinary Action **None**
reported



EDUCATION



Associates in Science
Western Nevada College
June 2011–August 2014

Non-degree
Truckee Meadows Community College
August 2014–December 2015

Bachelors in Civil Engineering (EAC)
University of Nevada, Reno
January 2016–May 2018



EXAMS



Fundamentals of Engineering (FE)
Nevada
June 2018

Principles and Practice of Engineering (PE)
Civil
Nevada
May 2023

LICENSES



Additional Licenses
None

PETER MONTEJO (18-726-07)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Tieslau Civil Engineering
California (United States)
Engineer Intern
July 2017—October 2017

Verified by
Adrian Tieslau
tieslau@atcivil.com

Experience Summary
Part-Time
Engineering: 3 months (75%)
Experience under licensed engineer:
3 months



TASKS

I corrected plan comments/red lines received from the city engineer, fire department, and other local municipalities. Already having several years of just AutoCAD experience, this task helped learn how to use AutoCAD Civil 3D very well; specifically learning how to edit surfaces.

I designed BMPs (Best Management Practices) for both commercial and residential sites. BMPs are structural, vegetative or managerial practices used to treat, prevent or reduce water pollution.

I performed survey work in residential and commercial areas which consisted of taking shots of curbs, gutters, sidewalks, manholes, drop inlets, edge of pavements, edges of structures and buildings, hydrants, light posts, benches, and any other miscellaneous items that were required to put a surface file together. (10% of time)



REPRESENTATIVE PROJECTS

The plans I worked on were mainly for different home parcels in the Tahoe/Truckee, CA area and were directly related to SWPPP (storm water pollution prevention plans). The TRPA (Tahoe Regional Planning Agency) requires all developed parcels to install and maintain BMPs. At first I was correcting red lines received from different parties associated with the project, but then I learned how to use the TRPA BMP Handbook where I had to select basic BMPs for a couple different sites which included the placement of straw wattle, erosion/silt fencing, and even boulders.

I also learned how to perform survey work which helped me learn how to create surface files from the shots that we took in the field. This helped me learn how to associate the design plans to the real world.

PETER MONTEJO (18-726-07)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Axion Engineering
Nevada (United States)
Staff Engineer
October 2017 – August 2018

Verified by
Gary Guzelis
gary@axionengineering.net

Experience Summary
Part-Time
Engineering: 8 months (75%)
Post EAC degree: 3 months (75%)
**Experience under licensed engineer:
8 months**



TASKS

My responsibilities included using AutoCAD Civil 3D to create full sets of plans (title, demolition, grading sheets, plans and profiles, utility sheets, traffic control, and standard details) for new subdivisions. I calculated the grades and slopes for the sidewalk, curb, gutter and street using the City of Reno and Sparks standard details and the MUTCD.

I designed utility lines (storm drain, sewer, and water) for both private and public projects using the City of Reno and Sparks standard details.

The majority of the projects I worked on were for new subdivisions, so I learned how to design swales around each new home to allow for proper drainage. I would also have to perform field engineering and go out to each home to inspect the contractor's work and make sure the swales were graded correctly.



REPRESENTATIVE PROJECTS

The two main projects I worked on were Kiley Ranch and El Rancho Drive.

2017/2018 - Kiley Ranch was a new subdivision that was being constructed in Sparks, NV. A small part of the subdivision was already built when I came onto the project in 2017/18. Several pads had already been built but a majority of the new streets and parcels had not been built yet. I was in charge of designing the grades and slopes of the new sidewalk, curb, and gutter and streets as well. I also had to fit new catch basins at the end of each return and also had to specify different types of manholes and their corresponding locations. I also designed the utilities (storm drain, sewer, and water) that ran under each road. I called out the type of pipe, and their size, slope, and invert elevations. I would combine all of this in the plan and profile sheets. I also designed swales around each new home to allow for proper drainage.

2018 - The other project I worked on was designing a new sewer line for the city of Sparks on El Rancho Drive. I designed the new sewer and storm drain lines that were being placed under El Rancho. The project was about 3/4 of a mile long from Capurro Way down to G St. I took much of what I had learned on Kiley Ranch and applied it to this utility project. I, again, called out the type of pipe, and their size, slope, and invert elevations. I also had to indicate where the contractor would have to trench. The last 'new' thing that I learned on this project was how to design traffic control plans using the MUTCD. El Rancho Dr is a 2 lane-2 way road so I had to close the outside lane to traffic where the contractor was going to excavate.

PETER MONTEJO (18-726-07)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Martin Brothers Construction
California (United States)
Project Engineer
September 2018—September 2019

Verified by

Experience Summary

Full-Time

Other: 1 year

Experience under licensed surveyor:

None



DESCRIPTION

PETER MONTEJO (18-726-07)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Nevada Department of Transportation
Nevada (United States)
Staff 2 Associate Engineer
November 2019—April 2023

Verified by
Victor E Peters
Vpeters@dot.nv.gov

Experience Summary
Full-Time
Engineering: 3 years, 5 months
Post EAC degree: 3 years, 5 months
Experience under licensed engineer:
3 years, 5 months

TASKS

My main task was creating full sets of plans for state and federally funded multi-million dollar roadway and bridge projects. This included producing CADD drawings using Bentley MicroStation and InRoads.

I created and updated project estimates as the plans would move through a 30, 60, and 90% submittal and review.

I actively participated in all necessary coordination and communication with engineers from other disciplines in order to complete projects and meet deadlines.

I applied roadway design standards set by AASHTO, MUTCD, and NDOT policies on all the plans I worked on.

REPRESENTATIVE PROJECTS

There were 3 main projects I worked on while at NDOT: Las Vegas Desert Inn, Carlin 3R, and North Valleys Phase 2B.

2019/2020 - For the Vegas - Desert Inn project, I was in charge of the traffic control plans on I-515, traffic control and detour plans for a road that ran under I-515 (called Desert Inn Road), and the pedestrian detour routes. The project consisted of refurbishing a bridge on I-515. The project was split up into 3 phases, and each phase of the traffic control was designed as a crossover to take traffic over to the opposite side of the freeway and then send traffic back on the original side. I designed these crossovers using NDOT standard plans and the MUTCD. I also had to create takeoffs for the project estimate.

2021/2022 - Another project I worked on was Carlin 3R. It was a long rehabilitation project on I-80 that runs through Carlin, NV. It was the first project I was the lead engineer on which meant I had to compile a full set of plans (title sheet, location sketch, typical sections/detail sheets, quantities, plan/profile sheets, striping, summary sheets) and also coordinate with other engineers from other disciplines to compile the rest of the plans (structures, hydraulics, signals & lighting, and landscaping). I was also in charge of creating the project estimate and seeing the plans progress through a 30, 60, and 90% submittal and review. It was also the first project where I had to design a superelevation using the green book. The existing superelevation slope was too flat and many accidents were occurring around a bend in the highway so I redesigned it to make it steeper and safer.

2021-2023 - North Valleys Phase 2B is a project in North Reno, and it was the last large project I worked on. The project included the addition of auxiliary lanes between the interchanges in both the northbound and southbound directions, a new ramp at Panther Valley and the rehabilitation of the existing structures and roadway. I made comments on 30% and 60% plans but also helped make corrections we received from other engineers on the 30, 60, and 90% reviews. I created the original set of traffic control plans which always had to have at least 2 lanes open in both directions. I separated the TC into 3 phases in order to close the outside lane to allow for outside shoulder work, then the inside lane for inside shoulder work, and lastly close the middle lane to allow work in the middle of the road. I also designed the typical sections and calculated the quantities for the project which were incredibly extensive for such a large project. There are close to a dozen typical sections for mainline alone since some of the freeway is going to be fully reconstructed and other parts of the freeway are going to be rehabilitated, but at varying widths. There were also about 15 different ramps that I had to design. I also worked on the quantities for the typical sections, and summary sheets for the rest of the project plans in order to put the estimate together.

PETER MONTEJO (18-726-07)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Jacobs Engineering
Nevada (United States)
Transportation Engineer
May 2023—October 2023

Verified by
Kaci Stansbury
Kaci.Stansbury@jacobs.com

Experience Summary
Full-Time
Engineering: 5 months
Post EAC degree: 5 months
**Experience under licensed engineer:
5 months**



TASKS

I have worked on plan production, which includes addressing comments from local municipalities, but I have also specifically worked on creating profiles, cross sections, grading sheets, and designing new pedestrian curb ramps that are ADA compliant.

I perform field engineering by going out into the field and measuring pedestrian ramps in to identify if they're ADA compliant or not.



REPRESENTATIVE PROJECTS

The project I'm currently working on at Jacobs is the Arlington Bridges project.

The Arlington Bridges project is a project coordinated by RTC and the City of Reno in order to replace two nearly century-old Arlington Avenue Bridges that have become structurally deficient. The project is located within the City of Reno between Island Avenue and West First Street, including the roadway through Wingfield Park. One of the first things I worked on was addressing comments on the project plans, specifically the demolition, typical sections, and striping sheets. I have worked on creating profiles and cross sections for a new maintenance ramp that will provide maintenance crews access to the Truckee River. I have also worked on grading sheets and designed 2 new curb ramps that are ADA compliant using the City of Reno and NDOT standard details. The other thing I have done is go out to 2 separate projects (Arlington Bridges and Lemmon Valley Widening) to measure a dozen different pedestrian ramps by checking their slopes, ramps, detectable warning panels, landings, and curb and gutters to check if they're ADA compliant or not.

CHRISTIAN NAEGELE (14-091-67)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL



Applying To
Nevada

Application Type
Initial - PE

Application Date
10/05/2023

Citizenship
United States

SUMMARY



Engineering Experience
after EAC degree
2 years, 5 months

Total Engineering
Experience
2 years, 5 months

Experience under licensed
engineer
2 years, 2 months

Surveying Experience after
EAC degree

Total Surveying
Experience

Experience under licensed
surveyor
None

Other Experience
3 months

Disciplinary Action
None reported



EDUCATION



Bachelors in Civil Engineering (EAC)
California State University, Sacramento
September 2010–May 2014

Masters in Civil Engineering
California State University, Sacramento
January 2015–January 2022



EXAMS



Fundamentals of Engineering (FE)
California
March 2023

Principles and Practice of Engineering (PE)
Civil
California
September 2023

LICENSES



Additional Licenses
None

CHRISTIAN NAEGELE (14-091-67)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Roach Enterprises
California (United States)
Civil Engineering and Surveying Aide
June 2005—September 2005

Verified by
Christian Naegele (Self)

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



TASKS

I conducted field surveys to establish property boundaries, rights-of-way, and/or geodetic control for mapping and road construction (10%); I operated theodolites, levels, electronic distance measuring devices, and other equipment to perform survey work (60%); I performed cadastral, geodetic, rights-of-way, and/or engineering surveys (10%). I performed detailed calculations using principles of geometric design needed to establish staking, for road design and subdivision improvements (20%).



REPRESENTATIVE PROJECTS

Subdivision Improvements, Summer of 2005 Loomis, CA

I operated theodolites, levels, electronic distance measuring devices, and other equipment to perform survey and boundary work. I calculated Bearings and Azimuths that established control points and establish boundary points. I interpret legal descriptions associated with land surveys and used bearings and azimuths to locate and record survey monuments on maps and at the field.

New Subdivision Construction (Layout of Two-Centered Compound Curves), Summer of 2005 Rocklin, CA

I operated theodolites, levels, electronic distance measuring devices, and to perform survey boundary and road construction work. Used algebra and trigonometry to determine horizontal curve approach tangents, interior angles, long chords, middle ordinates, which were used to determine curve lengths, radii, and horizontal clearances and sight distances. I interpreted legal descriptions and calculated bearings and Azimuths that established control points and establish boundary points. I calculated Symmetrical Vertical Curve Formula to determine location of Point of Intersection. I calculated deflection angles on a simple curve, for staking an alignment .

CHRISTIAN NAEGELE (14-091-67)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Trinity County Department of
Transportation
California (United States)
Engineering Aide
August 2016—April 2017

Verified by
Christian Naegele (Self)

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



TASKS

I was designated as a Engineering Aide to fulfill an Professional Engineer's tasks by the public agency. I applied engineering judgement and completed transportation engineering work involving plans, designs, details and maintenance of transportation systems, in whole or in part, that included roads, airports, bridges, nonstandard major structures; I completed the following tasks under direct supervision of a licensed engineer:

- I designed layouts, assembles and selected specifications;
- I performed transportation operational, and maintenance engineering tasks by using assessment reports of transportation surveys, investigations and analysis statements;
- I performed design calculations, for pavement delineation, temporary traffic control, traffic control devices; and
- I designed engineering plans, specified details, for the transportation system improvements; and
- I completed a MUTCD signal traffic warrant analysis and traffic survey under the supervision of a Professional Traffic and Civil Engineer.



REPRESENTATIVE PROJECTS

I had the following Levels of Responsibility under a registered professional engineer:

Hyampom Airport Rehabilitation, Hyampom, Trinity County, CA, 2016-2017

- I used engineering judgement to analyze data, horizontal and vertical alignments and curve computations.
- I used engineering judgement to analyze, selected, recommended, pavement structure materials for transportation facilities.
- I used engineering judgement to calculate earthwork volumes and design finish grade profiles in Civil3D.
- I used engineering judgement when analyzing pavement conditions and implemented solutions to improve conditions using AutoCAD Civil 3D for thickness design of pavements.
- I performed detailed engineering calculations, and modeled horizontal and vertical geometry using AutoCAD Civil 3D for a rural airport runway.

Hayfork Airport Rehabilitation, Hayfork, Trinity County, CA, 2016-2017

- I analyzed data and determined earthwork and embankment needs.
- I performed engineering calculations to determine the location and installation of temporary traffic controls, and pavement delineation. I updated as-builts, and designed electrical relocation plans.
- I prepared plans and specifications by performing geometric engineering calculations to establish design controls and geometric design.

CHRISTIAN NAEGELE (14-091-67)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Department of the Army
Veneto (Italy)
Engineering Technician
June 2017—October 2017

Verified by
FONTAINE N JONES
Fontaine.N.Jones@usace.army.mil

Experience Summary
Full-Time
Engineering: 4 months
Post EAC degree: 4 months
Experience under licensed engineer:
None



TASKS

My engineering duties included applying engineering judgement on behalf of the Department of Army. I performed capacity analyses of transportation facilities; I determined the pros and cons of proposed improvement projects to prioritize funding; I evaluated circulation and access management for infrastructure development; I conducted engineering study and a traffic survey to identify deficiencies; and I performed general inspections during construction and ensure compliance with the design.



REPRESENTATIVE PROJECTS

US Army MWR Del Din Parking Garages [Del Den, Italy], Planning Study, June to September 2017

I applied engineering judgement when analyzing existing transportation engineering and traffic conditions. I used engineering judgement and independent thought to calculate, design, and generate improvements, for infrastructure by using AutoCAD Civil3D and programmable spreadsheets.

US Army Garrison Vicenza Family Housing [Vicenza, Italy], Planning Study, June to September 2017

I used engineering judgement and independent thought to prepare engineering and traffic survey. I performed a detailed traffic engineering survey and calculations. I used engineering judgement when evaluating traffic plans to ensure accommodation of current and future traffic volumes and accessibility. I performed engineering calculations on intersection sight and stopping distance.

US Army Garrison Del Din [Viale Ferrarin, Italy], Structural, June to September 2017

I worked as Project Site Engineer for structural engineering retrofit and renovation of a historic multi-story building. I used engineering judgement and independent thought when reviewing a change order for the multi-story building.

CHRISTIAN NAEGELE (14-091-67)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

The California Department of
Transportation/Unico Engineering
California (United States)
Transportation Engineer (Civil)
September 2017—June 2018

Verified by
Kelly Bernard Timmons
kelly.timmons@dot.ca.gov

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



TASKS

I was designated a engineer by the public agency and applied engineering judgement on behalf of the state of California. I applied engineering judgment to design Temporary Traffic Control Plans; I routinely applied engineering judgement to select horizontal alignment signs and specify advanced warning systems; I used engineering judgement when calculating and selecting Perception Reaction Time (PRT); I performed design calculations, for pavement delineation, temporary traffic control, traffic control devices, speed management, traffic calming, and safety countermeasures; I designed traffic engineering plans, specified details, for the transportation system improvements, that included intersection, roads, and minor transportation-related projects; I routinely developed plans to minimize delay and address traffic safety; I applied engineering judgement to select and design accessibility features for the disabled.



REPRESENTATIVE PROJECTS

McCoy Creek Bridge Replacement [Mendocino County Highway 271/ CA/USA] 2017-2018

I was designated engineer by a public agency to prepare plans specifications and estimates, for bridge replacement project. I developed traffic control plans (TCP), for handling traffic through construction zones. I applied engineering judgement when designing merging, shifting, shoulder, one-way, and down stream tapers. I calculated and made decisions to assure conformance with Exceptions to Design Standards for Superelevation Length and Transitions, Clear Recovery Zones, Embankment Slopes, Decision and Stopping Site Distances, & design speed for McCoy Creek Bridge Replacement; I developed temporary traffic control and detour plans to minimize delay and address worker and road user safety; I designed detour plans an temporary laterally shifting of traffic lanes.

Capella 2 Bridge Replacement [SR20/Mendocino County/CA/USA] 2017-2018

I was a designated engineer. I calculated and made decisions to assure conformance with Exceptions to Design Standards for Superelevation Length and Transitions, Clear Recovery Zones, Embankment Slopes, Decision and Stopping Site Distances, & design speed for McCoy Creek Bridge Replacement; I developed temporary traffic control and detour plans to minimize delay and address worker and road user safety; I designed detour plans an temporary laterally shifting of traffic lanes.

Last Chance Grade [Del Norte County/CA/USA 2017-2018]

I was a designated engineer by a public agency to prepare plans specifications and estimates, for developing design alternatives. I performed detailed calculations for determining Clear Recovery Zones and slopes.

CHRISTIAN NAEGELE (14-091-67)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Dokken Engineering
California (United States)
Civil Engineer
May 2018—November 2019

Verified by
BRIAN Stephenson
bstephenson@dokkenengineering.com

Experience Summary
Full-Time
Engineering: 1 year, 6 months
Post EAC degree: 1 year, 6 months
**Experience under licensed engineer:
1 year, 6 months**

TASKS

I was designated as an engineer, which exercised the discretion of independent thought and sound engineering judgement for transportation engineering projects. I used engineering judgement on behalf of public agencies when designing project plans and estimates. I determined alignment and grade of highways, roadways, and other transportation facilities; I calculated balance earthwork and embankment needs; I conducted hydraulic/hydrologic analyses and determine design for culverts; I prepared plans and cost estimates for construction or maintenance of transportation facilities; I produced detailed roadway/structure designs, design calculations, technical reports, and project specifications and estimates for transportation facilities.

REPRESENTATIVE PROJECTS

Red Bluff Drainage Improvements and Storm Damage Projects, Shasta County, CA, 2018-2019

- I designed Superelevation Length and Transitions, Clear Recovery Zones, Embankment Slopes, Decision and Stopping Site Distances, & design speed.
- I calculated vehicle headway and gap time for advanced warning systems.
- I used engineering judgement when designing laterally shifting of traffic lanes and alignments.
- I used engineering judgement when performing hydrology calculations to design drainage structures and provided recommendations for placement.
- I used independent thought and engineering judgement when collecting engineering and traffic survey data and determined the location of transportation facilities.
- I conducted hydraulic and hydrologic analyses and performed the design for culverts using Federal Highway Administration Hydraulic Design of Highway Culverts.
- I designed Storm Water Pollution Prevention Best Management Practices.

Trinity Workers Safety, Trinity & Shasta Counties, CA, 2019

- I used engineering judgement and independent thought when performing engineering calculations to determine the location and installation of temporary traffic controls, traffic control devices, speed management, traffic calming, and pavement delineation using Roadside Design Guide and Manual on Uniform Traffic Control Devices for Streets and Highways.
- I designed packages and applied specifications for back and foreslopes, vertical and horizontal curve geometry, clear zone recovery distances by using A Policy on Geometric Design of Highways and Streets, California Highway Design Manual guidelines.
- I designed roadway corridors by using AutoCAD Civil 3D sub-assemblies and assemblies for roadways that were in conformance with the Highway Design Manual and AASHTO Policy on Geometric Design of Highways and Streets, Roadside and Bicycle Design Guides.
- I made calculations for design packages and specifications for vertical and horizontal alignments in Civil 3D
- I checked vertical and horizontal stopping sight, passing sight, and decision sight distance parameters in Civil 3D by using the

Highway Design Manual, AASHTO Policy on Geometric Design of Highways and Streets, and Roadside and Bicycle Design Guides.

Sharon Avenue over ACID Canal, Westside, and Eastside Bridge Replacements, Redding, CA, 2018-2019

- I designed Superelevation Length and Transitions, Clear Recovery Zones, Embankment Slopes, Decision and Stopping Site Distances, & design speed.
- I calculated vehicle headway and gap time to install the advanced warning systems and pedestrian intersections.
- I designed laterally shifting of traffic lanes and alignments.
- I performed hydrology calculations to design drainage structures and provided recommendations for their placement.
- I designed vehicular, pedestrian, bicyclists, and ADA facilities by using the AASHTO Policy on Geometric Design of Highways and Streets, Roadside and Bicycle Design Guides.
- I performed hydrology calculations to design drainage structures and provided instructions for installation.
- I prepared correspondence, wrote comprehensive technical engineering reports, and made recommendations for the safe and efficient use of controlling traffic.
- I designed and specified the exact locations for construction areas, staging areas, portable delineations, temporary signal systems, signs, PCMS, and rumble strips.
- I determined the posted speed for construction areas.
- I designed profiles for retaining walls.
- I assigned the exact location for utilities and notices and agreements.
- I provided recommendations to contractor to allow traffic to transit construction site between prescribed hours.
- I designed construction staging plans which provided recommendations to the contractor the safe and efficient installation of soldier pile wall, guard rail, drainage structures and underdrains.
- I made adjustments to make proposed designs to match existing conditions and documented what was non-standard about the existing facility.
- I designed and verified that adequate sight distances were met for driveways due to new guardrail and existing bridge railing.
- I calculated turning or off tracking Policy on Geometric Design of Highways and Streets radii for heavy vehicles or STAA trucks and Manual on Uniform Traffic Control Devices for Streets and Highways plans.

SR89 West Shore Highway Crossing Improvements, Lake Tahoe, CA, 2018-2019

- I designed vehicular, pedestrian, bicyclists, and ADA facilities by using the AASHTO Policy on Geometric Design of Highways and Streets, Roadside and Bicycle Design Guides.

Girvan Road Rail Road Crossing Improvement, City of Redding, Shasta County CA, 2018-2019

- I calculated superelevations, alignments and grades of highways, roadways and pedestrian transportation facilities, by using AASHTO Policy on Geometric Design of Highways and Streets guidelines.

CHRISTIAN NAEGELE (14-091-67)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

*Small Business Administration Disaster
Verification Center
Virginia (United States)
Loss Verifier
October 2022—October 2023*

Verified by

Experience Summary

Part-Time

Other: 3 months (25%)

Experience under licensed surveyor:

None




DESCRIPTION

ALLY PATRICK (15-632-99)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL


 Applying To
Nevada

Application Type
Initial - PE

Application Date
10/10/2023

Citizenship
United States

SUMMARY



 Engineering Experience
after EAC degree
6 years, 6 months



Total Engineering
Experience
6 years, 6 months

Experience under licensed
engineer
6 years, 6 months


Other Experience
11 months

Disciplinary Action
None reported


 

EDUCATION

 Bachelors in Environmental Engineering (EAC)
North Carolina State University
August 2011–May 2015


Masters in International Studies
University of Wyoming
August 2018–May 2021

EXAMS

 Fundamentals of Engineering (FE)
North Carolina
January 2015

Principles and Practice of Engineering (PE)
Civil
Nevada
September 2023

LICENSES

 Additional Licenses
None

ALLY PATRICK (15-632-99)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Edens Land
North Carolina (United States)
Project Engineer
May 2015—September 2016

Verified by
Jarrold Brent Edens
jarrod.edens@edens.inc

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 was hired at Edens Land as a Project Engineer right out of college to design residential projects in NC, mostly in the Durham area. At this job I learned AutoCAD Civil 3D, working in the program daily. I learned how to draft plans and residential civil engineering design.

I typically created a permitting set and then a construction set of civil drawings for projects. I drew site layouts in CAD created by another team member on paper with lots, roads, sidewalk, water and sanitary sewer lines, stormwater pipes, existing and proposed topography, survey, and stormwater control measures. I drew the roads with curb and gutter and sidewalks per city requirements. I created plan and profile sheets for stormwater and sanitary sewers and I created plan and profile sheets for roadways.

I created stormwater impact analysis reports for city permitting that included hundreds of pages of stormwater calculations including nutrient loading calculations and impervious areas calculations. I delineated watersheds for peak flow calculations in HydroCAD and created pre and post construction drainage area maps with time of concentration, flow paths, and drainage outlet locations. I also created pre and post construction maps for impervious area calculations and to determine green space areas. I used Storm and Sanitary Analysis in AutoCAD Civil 3D and storm sewers to set pipe inverts and check the water surface profiles. I performed site grading with surfaces in Civil 3D. I designed stormwater control measures. I completed fire flow analysis reports using EPANET.

REPRESENTATIVE PROJECTS

Fendol Farms is a residential project with ~500 homes on ~¼ acre lots in Durham, NC that I worked on from May 2015 until April 2016. I created a phasing plan for this project with site plans and then a construction set of drawings. These drawings included, existing conditions, site plans, road plan and profiles, storm and sewer plan and profiles, grading plans, erosion & sedimentation control plans, and details. I delineated watershed areas for pre and post construction development impervious area maps. I created stormwater impact analysis for this project including hydrographs, impervious area calculations, nutrient loading calculations, and storm and sanitary sewer analysis.

Herndon Trace is a residential project in Durham, NC with ~50 homes on ~¼ acre lots in Durham, NC that worked on from April 2016 to September 2016. I created plans for this project including existing conditions, site plans, road plan and profiles, storm and sewer plan and profiles, grading plans, erosion & sedimentation control plans, and details. I drew the layout in CAD with the road meeting city requirements. I conducted the site grading in Civil 3D. I designed water and sanitary sewer, stormwater control measures, and created a stormwater impact analysis report per city requirements.

ALLY PATRICK (15-632-99)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Cypress Creek Renewables
North Carolina (United States)
Project Engineer
October 2016—June 2018

Verified by
Mario Trinidad Carreon
mario.carreon@ccrenew.com

Experience Summary
Full-Time
Engineering: 1 year, 8 months
Post EAC degree: 1 year, 8 months
**Experience under licensed engineer:
1 year, 8 months**

TASKS

I was hired as a Project Engineer to provide detailed civil engineering design for utility scale solar farms mostly in North Carolina. My responsibility progressed during my time starting with small projects and moving up to larger projects.

My tasks involved doing civil engineering design, creating plan sets, and getting permits. I worked in AutoCAD Civil 3D every day to draft plan sets, grade using Civil 3D surfaces, create profiles for driveways and roads, design culverts, draw erosion and sedimentation control BMPs, grade basins, create details, and set up viewports and sheets. I also used excel to design sediment basins, sediment traps, compost sock, drainage ditches, and culverts.

The development group would send me due diligence documents that I would review and use for design including preliminary hydrology report, geotechnical report, survey, environmental studies, planning permits, and environmental permits. I took ownership of the project at that point, confirming all setbacks, constraints, and AHJ requirements to implement into the design. I would determine the buildable area based on project constraints (property line setbacks, environmental setbacks, flood zones, easements, sediment basin footprints, areas of inundation, and high slope areas). I would work with my electrical engineer counterpart to go back and forth on the layout. I would then finalize the fence line and limits of disturbance. I would then progress the design from 30% to Issue for Construction (IFC). These sets typically included civil notes and specifications, site plans, grading plans, driveway plans, erosion and sedimentation control plans, and details. I would send out the sets to AHJs for permitting and incorporate feedback into the design. Once the design was permitted, we would issue the IFC set and our construction team would build the projects, coming to us with any issues that would arise in the field.

REPRESENTATIVE PROJECTS

High Side, Rangeball, Sand Wedge, and Verticut were four ~500 kW solar plus battery storage projects in Brunswick County, NC that I worked on from October 2016 to April 2017. I did the full civil engineering design for this project from 30% design to IFC. The plan sets included civil notes & specifications, a site plan, a driveway plan, an erosion control plan, and details. I designed the driveway with culvert and parking stalls. I did the erosion control design for this project, including a drainage area analysis. I obtained building, stormwater, and erosion control permits.

Church Road is a solar farm (~20 ac) in Johnston County, NC that I worked on from April, 2017 to October, 2017. I did the detailed design for this project (30% design to IFC) and created the plan sets which included existing conditions, site plan, driveway plan, encroachment plan, landscape plan, erosion & sedimentation control plan, and details. I designed the temporary sediment basins and diversion ditches using excel. I designed the driveway per NCDOT requirements.

IS 54 is a 73 MW solar farm in Lenoir County, NC that I worked on from November, 2017 from April 2018. I did the full civil engineering design from 30% to IFC. I created the plan set which included existing conditions, site plan, driveway plan, landscape plan, erosion & sedimentation control plan, and details. I conducted a site visit to this site before design to inform the design. This project was larger and therefore included a substation. I designed the substation access road and site access road per the geotechnical recommendations and per NCDOT requirements. I obtained the NCDOT driveway permits, NCDEQ erosion control permits, and local building permits.

Siler is a solar farm (~40 ac) in Siler City, NC that I worked on from April 2018 to June 2018. I did the civil engineering design through 60% design before leaving the company. I prepared the drawings to be sent off for permitting which included civil notes and specifications, existing site conditions, site plan, driveway plan, landscape plan, erosion & sedimentation control plan, and details. I designed the driveway plan, which included the section and profiles. I designed the erosion control plan which included temporary sediment basins, construction entrances, silt fence, and concrete washouts. I designed the basins in excel and graded the basins in AutoCAD Civil 3D.

ALLY PATRICK (15-632-99)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

University of Wyoming
Wyoming (United States)
Graduate Assistant
August 2018—May 2020

Verified by

Experience Summary

Part-Time

Other: 11 months (50%)

Experience under licensed surveyor:

None



DESCRIPTION

ALLY PATRICK (15-632-99)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Green River Engineering & Consulting
California (United States)
Project Engineer
March 2020—March 2022

Verified by
Samuel Philip Laughlin
sam@greenriverusa.com

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

TASKS

I was hired as a Project Engineer to provide detailed civil engineering design for utility scale solar farms throughout the U.S. My responsibility progressed throughout my time, starting with a 60% design to doing full detailed design from 30% to construction for smaller than larger projects. I also trained and directed two junior civil engineers after 1.5 years.

All my work was under supervision of a principal engineer (civil). I would do the design, asking questions when needed, and all work was redlined and I would update the drawings accordingly. The design process started with reviewing, and sometimes assisting developers, to get due diligence documents such as preliminary hydrology report, geotechnical report, survey, environmental studies, planning permits, and environmental permits. Then, I would determine the buildable area based on project constraints (property line setbacks, environmental setbacks, flood zones, easements, sediment basin footprints, areas of inundation, and high slope areas). I would work with the project engineer on the electrical side to go back and forth on the layout of the solar farm and road locations. I would then finalize the fence line and limits of disturbance. Then the design would progress from 30% to Issue for Construction, with the detail progressing in each set. These sets typically included civil notes and specifications, site plans, grading plans, driveway plans, erosion and sedimentation control plans, and details.

I worked in AutoCAD Civil 3D every day to draft plan sets, grade the site and temporary sediment basins using Civil 3D surfaces, create profiles for driveways and roads with culvert design, draw erosion and sedimentation control BMPs, create details, set up viewports and sheets. I used proprietary software to conduct grading analyses of existing topo to identify areas that needed grading to meet racking tolerances. I also used excel for basin and diversion ditch design.

REPRESENTATIVE PROJECTS

Orangeburg County & Orangeburg South are co-located solar farms each ~100MWac in Orangeburg County, SC. I worked on these projects from March, 2020 to July, 2020 and my job was to complete a ~60% level design and produce a plan set with quantities to be used for bidding. I determined the buildable area, calculated storage volume for basins and set basin footprint, designed the road layout, set limits of disturbance and provided quantities for all proposed items.

Putah Creek is a solar farm ~3 MWac located in Yolo County, CA. I worked on this project from August, 2020 to March, 2021. I did the detailed design from 30% to IFC and building & SWPPP permitting for this project. I did drainage area delineation and determined the buildable area. I designed the layout in coordination with an electrical engineer. I designed the roads and driveway per county requirements, erosion and sedimentation control BMPs per state requirements, fence, and set limits of disturbance.

Luciana is solar farm in Tulare County, CA that is ~50 MWac. I worked on this project from March, 2021 to September, 2021. I did the detailed design from 30% to IFC and got the SWPPP permit through the state. I conducted site grading in civil 3D, design the erosion & sedimentation control plan, and design the driveway per county requirements.

I worked on 12 battery storage substation projects including ten in NC (Pender, Onslow, Richmond, Randolph, Cumberland, Wayne and Wake Counties) and two in Fort Wayne, Indiana from September, 2021 to March, 2022. These projects were expansions to existing substations for battery storage and a few new substations. I trained and directed two junior engineers to help me complete the 30%, 60%, 90%, and IFC design for each project. I did about half the drafting and design myself and reviewed their work on the remaining half. Each plan set included civil notes & specifications, site plan, grading plan, profiles for the pads, erosion control plan, and details. I designed the substation pads, pad grading, drainage, and erosion & sedimentation control design.

ALLY PATRICK (15-632-99)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Silicon Ranch Corporation
Tennessee (United States)
Senior Civil Engineer
April 2022—October 2023

Verified by
William Harris Nowak
will.nowak@siliconranch.com

Experience Summary
Full-Time
Engineering: 1 year, 6 months
Post EAC degree: 1 year, 6 months
**Experience under licensed engineer:
1 year, 6 months**

TASKS

I was hired as a Senior Civil Engineer at Silicon Ranch 18 months ago. Under the supervision of the civil engineering manager, my job is to utilize my experience to improve the quality of civil engineering design, construction, and performance of our solar farms. We own and operate solar farms, hiring contractors to design and build our farms to our company specifications and I continuously incorporate feedback from one project's construction into the next project's design. Since I joined, I have steadily taken on larger projects, starting with projects <10 MW to now working on projects >100 MW.

My main tasks require reviewing and approving civil engineering drawings for utility scale solar plants (from 30% design to construction) to evaluate design, provide recommendations, and ensure design complies with company specific specifications, such as ensuring electrical equipment has 1' of freeboard from 100 year storm.

I also modify company-specific civil engineering specifications as needed (specifically related to erosion and sedimentation control, stormwater, roads, earthwork, and fences).

I review and approve construction completion documents to ensure the plant is built per civil engineering Issue for Construction plans and meet our company specifications, which includes evaluating site stabilization, as-built topo, fences, roads, water ponding or runoff issues, pile load testing, and pile galvanization.

I assess civil design in bid documents, such as road sections, preliminary layouts, costs, exclusions and clarifications, and specification modifications to provide feedback and recommendations on design and quantities to our contracting team.

Lastly, I investigate civil construction via site visits or photos to confirm proper installation and site conditions including evaluating site stabilization, BMPs, roads, earthwork, piles, fence, and culverts, often reviewing and providing recommendations for erosion control and runoff problems.

REPRESENTATIVE PROJECTS

Clarksville II is a solar farm in Clarksville, TN sized at 4.75 MWac. I started working on this project upon starting at Silicon Ranch in April, 2022 and am still working on it as it is in construction. I am the civil engineer on this project for my company, so it is my responsibility to ensure the quality of design and that the design meets company specifications. My main tasks included reviewing and approving civil engineering drawings (30%, 60%, 90% design and IFC set) from our contractor per our contract. These plans included notes & specifications, site plan, grading plan, erosion and sedimentation control plan, and details and corresponding AutoCAD Civil 3D files. I also reviewed the project's hydrology report, SPCC Plan, SWPPP submittal, and galvanization calculations. During design review, I checked items like the buildable area, slopes of proposed grade in grading plan and CAD to ensure it will work with trackers and highlighted areas out of compliance, and provided the road section design.


Russellville is a 173 MWac solar farm in Olmstead, KY. I started working on this project in July, 2022 and am still working on it as it is in construction. I am the civil engineer on this project for my company, so it is my responsibility to ensure the quality of design and that the design meets company specifications. My main tasks included reviewing and approving civil engineering drawings (30%, 60%, 90% design and IFC set), which includes notes & specifications, site plan, grading plan, erosion and sedimentation control plan, and details and corresponding AutoCAD Civil 3D files. I also reviewed the project's hydrology report, SPCC Plan, SWPPP submittal, and galvanization calculations. I directed the consultant to improve their plans and clarify design, particularly improving the grading plan by reducing earthwork, balancing the site, and providing positive drainage from the array and electrical equipment. I also provided construction support by providing feedback on karst remediation and making the road harder due to unforeseen poor soils on site.

RAPHAEL PERRY (18-725-94)


All work experience reviewed by two licensed professionals





DISCIPLINE: CIVIL

GENERAL


 Applying To **Nevada**
Application Type **Initial - PE**
Application Date **10/18/2023**
Citizenship **United States**

SUMMARY


 Engineering Experience after EAC degree **5 years, 5 months**
Total Engineering Experience **5 years, 7 months**
Experience under licensed engineer **5 years, 7 months**
Disciplinary Action **None reported**


EDUCATION

 Bachelors in Civil Engineering (EAC)
University of Nevada, Reno
August 2013–May 2018

EXAMS

 Fundamentals of Engineering (FE)
Nevada
April 2018
Principles and Practice of Engineering (PE)
Civil
Nevada
September 2023

LICENSES

 Additional Licenses **None**

RAPHAEL PERRY (18-725-94)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

*Nelson-Wilcox Structural Engineers
Nevada (United States)
Intern*

January 2018—June 2018

Verified by
Robert Brandon Nelson
robby@nelson-wilcox.com

Experience Summary

Part-Time

Engineering: 3 months (50%)

Post EAC degree: 1 month (50%)

**Experience under licensed engineer:
3 months**



TASKS

My internship duties included creating shop drawings of various custom Jensen Precast utility vaults as well as performing calculations for both reinforcement and lifting requirements.



REPRESENTATIVE PROJECTS

Various Custom Jensen Precast Concrete Vaults, Reno, NV (Jan. 2018 - Jun. 2018)

My projects during the internship included multiple (small to medium) custom concrete vaults. I designed and calculated both the reinforcement requirements and lifting requirements for custom concrete vault structures including top slabs, bottom slabs, and riser walls. I generated shop drawings for the custom concrete vaults.

RAPHAEL PERRY (18-725-94)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

TEC Civil Engineering Consultants
Nevada (United States)
Design Engineer
June 2018—November 2021

Verified by
Joseph Gregory Dunn
jdunn@tecreno.com

Experience Summary
Full-Time
Engineering: 3 years, 5 months
Post EAC degree: 3 years, 5 months
Experience under licensed engineer:
3 years, 5 months

TASKS

My tasks and duties as a Design Engineer entailed the design of both residential and commercial projects. I was responsible for the design and compiling of Civil Improvement Plans including site, grading, utility, demolition, erosion control, fire department access, and residential plot plans. Additionally, my duties included preparation of engineering estimates and design reports such as Hydrologic Analysis, Sanitary Sewer Analysis, Operation and Maintenance Manuals, and Storm Water Pollution Prevention Plans. Throughout the entire design and construction process my responsibilities included constructability and feasibility evaluations, as well as coordination with clients and permitting agencies, along with site visits to provide engineering advice to field crews and contractors.

REPRESENTATIVE PROJECTS

Red Roof Self Storage, City of Reno, NV [2018]

I performed final hydrology/hydraulic calculations to support the utility and grading design. The overall work products included: Hydrology Report and associated figures.

Falcon Ridge Townhomes and Falcon North Subdivisions, City of Reno, NV [2018-2021]

I designed and permitted two residential subdivisions. I performed both preliminary and final site, grading, and utility design along with client/contractor coordination, coordination with the local water authority (Truckee Meadows Water Authority), and final plot plan design. The overall work products included: Civil Improvement Plans, individual unit plot plans, and Truckee Meadows Water Authority plans.

Liam 7 Subdivision, City of Sparks, NV [2018-2019]

I designed and permitted a residential subdivision. I performed final site, grading, and utility design along with client/contractor coordination, coordination with the local permitting agency (City of Sparks) and water authority (Truckee Meadows Water Authority), hydrology/hydraulic and sanitary sewer calculations. The overall work products included: Civil Improvement Plans, As-built Record Drawings, Hydrology and Sewer reports, Operation and Maintenance Manual, and Truckee Meadows Water Authority plans.

Northtowne Storage Units, City of Reno, NV [2019-2020]

I designed and permitted a 5-building commercial lot. I performed both preliminary and final site, grading, and utility design along with client/contractor coordination, coordination with the local permitting agencies (City of Reno and Nevada Department of Transportation) and water authority (Truckee Meadows Water Authority), hydrology/hydraulic and sanitary sewer calculations, and provided construction oversight and assistance. The overall work products included: Civil Improvement Plans, Nevada Department of Transportation encroachment plans, Hydrology and Sewer reports, and Truckee Meadows Water Authority plans.

Holcomb Ranch Subdivision, City of Reno, NV [2019-2021]

I designed and permitted a residential subdivision. I performed both preliminary and final site, grading, and utility design along with client/contractor coordination, coordination with the local permitting agency (City of Reno) and water authority (Truckee Meadows Water Authority), hydrology/hydraulic and sanitary sewer calculations, FEMA Flood Certifications, and final plot plan design. The overall work products included: Civil Improvement Plans, Hydrology and Sewer reports, Operation and Maintenance Manual, and Truckee Meadows Water Authority plans.

Sonic Drive-In, City of Reno, NV [2020-2021]

I designed and permitted a commercial lot. I performed both preliminary and final site, grading, and utility design along with client/contractor coordination, coordination with the local permitting agency (City of Reno) and water authority (Truckee Meadows Water Authority), hydrology/hydraulic and sanitary sewer calculations, and provided construction oversight and assistance. The overall work products included: Civil Improvement Plans, Hydrology and Sewer reports, and Truckee Meadows Water Authority plans.

Summerset Assisted Living, City of Reno, NV [2020-2021]

I designed and permitted a 2-building commercial lot. I performed both preliminary and final site, grading, and utility design along with client/contractor coordination, coordination with the local permitting agency (City of Reno) and water authority (Truckee Meadows Water Authority), hydrology/hydraulic and sanitary sewer calculations, and provided construction assistance. The overall work products included: Civil Improvement Plans, Hydrology and Sewer reports, and Truckee Meadows Water Authority plans.

RAPHAEL PERRY (18-725-94)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Lumos and Associates
Nevada (United States)
Senior Project Designer
November 2021 – October 2023

Verified by
Camille Anne Buehler
cbuehler@LumosInc.com

Experience Summary
Full-Time
Engineering: 1 year, 11 months
Post EAC degree: 1 year, 11 months
Experience under licensed engineer:
1 year, 11 months

TASKS

My tasks and duties as a Senior Project Designer have entailed the design of residential, commercial, industrial, and institutional projects while working under multiple PEs. I have been responsible for the design and compiling of Civil Improvement Plans including site, grading, utility, demolition, erosion control, and residential plot plans along with preparation of engineering estimates and design reports such as Hydrologic Analysis, Sanitary Sewer Analysis, Operation and Maintenance Manuals, and Storm Water Pollution Prevention Plans. Throughout the entire design and construction process my responsibilities have included constructability and feasibility evaluations, as well as coordination with clients and various permitting agencies, along with site visits to provide engineering advice to field crews and contractors.

REPRESENTATIVE PROJECTS

Fernley High School Additions, City of Fernley, NV [2021-2022]

I designed and permitted an institutional project. I performed both preliminary and final site, grading, erosion control, and utility design along with client/contractor coordination, coordination with the local water authority (City of Fernley), coordination with the local fire prevention authority (North Lyon County Fire Department), hydrology/hydraulic calculations, creation of a Stormwater Pollution Prevention Plan, and provided construction assistance. The overall work products included: various phases of Civil Improvement Plans (Schematic, Design, and Construction level documents), along with construction assistance.

Fall Street Waterline Relocation, Carson City, NV [2022-2023]

I designed and permitted a public works project that included the installation . I performed both preliminary and final utility design along with client/contractor coordination, coordination with the permitting agency (Carson City Community Development) coordination with the local water authority (Nevada Division of Environmental Protection), generation of bid contract documents (estimating and contract work description), and provided construction assistance. The overall work products included: various phases of Civil Improvement Plans (60%, 90%, Bid Set, etc.), Nevada Division of Environmental Protection submittal, As-built Record Drawings, and Bid Contract Documentation.

Plumas County Jail, Quincy, CA [2022-2023]

I designed and permitted a commercial project. I performed both preliminary and final site, grading, erosion control, and utility design along with client/contractor coordination, coordination with the local water authority (American Valley Community Services District), coordination with the local fire prevention authority (Cal Fire), hydrology/hydraulic calculations, creation of a Stormwater Pollution Prevention Plan, review of material submittals, and provided construction assistance. The overall work products included: various phases of Civil Improvement Plans (30%, 60%, and final), a California Water Board approved Stormwater Pollution Prevention Plan, review/approval of construction material submittals, and construction assistance through RFI's and field adjustments.

West River Street, Town of Truckee, CA [2022-2023]

I designed a public works project that included the rehabilitation of one of Town of Truckee's main roadways. I performed both preliminary and final site, grading, and utility design along with client/contractor coordination, coordination with the local water authority (Truckee Donner Public Utility District), hydrology/hydraulic calculations, generation of bid contract documents (estimating and contract work description), and provided construction assistance. The overall work products included: various phases of Civil Improvement Plans (30%, 60%, 90%, Bid Set, etc.), Underground Utility Plans, Technical Drainage Report, and Bid Contract Documentation.

Nevada Department of Wildlife Phase 1 Improvements, City of Fallon, NV [2023]

I designed and permitted a commercial project. I performed both preliminary and final site, grading, and erosion control design along with client/contractor coordination, coordination with the local permitting agency (Nevada Department of Transportation), hydrology/hydraulic calculations, and traffic impact study. The overall work products included: Civil Improvement Plans for the driveway approach and initial phase improvements (looped driveway access) and obtaining a Nevada Department of Transportation encroachment permit.

Victory Logistics Industrial Subdivision, City of Fernley, NV [2021-Ongoing]


I have designed and permitted multiple industrial lots for a new industrial subdivision. I performed both preliminary and final site, grading, erosion control, and utility design along with continuous client coordination, coordination with the local permitting agency (City of Fernley), hydrology/hydraulic calculations and have provided on-going construction assistance. The overall work products thus far have included: Civil Improvement plans (Administrative Review, Final, etc.), Design Reports (Hydrology, Sewer, and Water), review/approval of construction material submittals and construction assistance through RFI's.

RYAN SAMS (17-754-38)


All work experience reviewed by two licensed professionals





DISCIPLINE: CIVIL

GENERAL

 Applying To **Nevada**
Application Type **Initial - PE**
Application Date **10/23/2023**
Citizenship **United States**

SUMMARY


 Engineering Experience after EAC degree **5 years, 6 months**
Total Engineering Experience **5 years, 6 months**
Experience under licensed engineer **5 years, 6 months**
Other Experience **1 year, 11 months**
Disciplinary Action **None reported**

EDUCATION

 Bachelors in Civil Engineering (EAC)
University of Nevada, Reno
August 2013–May 2017

EXAMS

 Fundamentals of Engineering (FE)
Nevada
April 2017
Principles and Practice of Engineering (PE)
Civil
Nevada
July 2023



LICENSES

 Additional Licenses
None

RYAN SAMS (17-754-38)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Scheels
Nevada (United States)
Service Shop Technician
May 2014—February 2018

Verified by

Experience Summary

Part-Time

Other: 1 year, 11 months (50%)

Experience under licensed surveyor:

None



DESCRIPTION

RYAN SAMS (17-754-38)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Las Vegas Valley Water District
Nevada (United States)
Civil Engineer
April 2018—October 2023

Verified by
Christopher M Luquette
christopher.luquette@lvvwd.com

Experience Summary
Full-Time
Engineering: 5 years, 6 months
Post EAC degree: 5 years, 6 months
Experience under licensed engineer:
5 years, 6 months

TASKS

From April 2018 to September 2021, I worked as a full-time construction inspector at Las Vegas Valley Water District on a project team responsible for the completion of rehabilitation projects and interlocal improvement projects related to water utility infrastructure. Under general supervision, I reviewed and recommended pavement rehabilitation requirements, evaluated solutions for construction interferences, issues, conflicts and subsequent requests for information, and ensured conformance to standards and regulations in the construction of water pipeline projects.

From September 2021 until June 5th, 2023, I worked as a full-time Assistant Civil Engineer with Las Vegas Valley Water District under direct supervision. During this time, I worked on design of water utility projects. I reviewed, determined, and wrote scope of works. I reviewed designs compiled by consultants for large diameter steel pipeline projects and reservoir projects for compliance to standards and accuracy. I performed calculations required for steel pipeline design including determinations of pipeline thickness, steel wrapper sizing, wet tap wrapper sizing, steel plate specials sizing and project specific strength loading verifications. I designed small diameter (6- to 24-inch) water pipelines and calculated sizing requirements for distribution pipeline appurtenances such as air-vacuum-air release valves and thrust and anchor blocks. I created project schedules and budgets, consistently re-evaluating project requirements throughout design. I generate drawings, specifications, calculations packages, schedules, cost estimates, permitting packages, and right of way acquisition documents for construction. I coordinated with local agencies and intercompany departments. I performed engineering services during construction including bid support, submittal review, response to requests for information and substitutions, and change orders.

From June 6th, 2023, to present, I work as a full-time Civil Engineer with Las Vegas Valley Water District performing the same tasks and duties as the previously described Assistant Civil Engineer role.

REPRESENTATIVE PROJECTS

1. Pavement Replacement Program, 10 million dollar a year, multi contract, multi-jurisdictional, program for replacement of pavement, sidewalk, and various flat work.

April 2018 – September 2021

I served as Construction Inspector where I analyzed site conditions, determined scope of services. I coordinated with local jurisdictional agencies and ensured compliance with permit requirements. I monitored, evaluated, and documented construction conformance to specifications, regulatory requirements, and permit requirements. I analyzed and calculated construction costs for incorporation into contract documents. I generated construction progress reports, reviewed permit status reports, and coordinated permits for closure.

2. Las Vegas Blvd Improvements, multi-phased pipeline replacement (6-36-inch) along Las Vegas Blvd. from Sahara to CC215 (5.75 miles).

December 2019 – Present

I have worked on multiple phases of the Las Vegas Blvd. Improvements project and have held multiple roles during the project period. As a Construction Inspector, I reviewed, analyzed, and evaluated construction documents and provided constructability review. I integrated plans, details, and specifications to ensure construction and contract compliance. I evaluated and proposed solutions for issues that arose in the field. In the roles of Assistant Civil Engineer, and Civil Engineer, I reviewed design drawings and specifications compiled by consultants for compliance to standards, accuracy, and constructability. I performed complex calculations associated with design of large diameter steel pipelines to verify compliance to design standards. I evaluated and

proposed solutions for issues reported in the field and subsequent requests for information. I reviewed change order quantities, submittals, contract change administration processes, and requests for proposals and made recommendations for approval.

3. Centennial 3205 Zone Infrastructure (C1588/C1589), 2.5 miles of large diameter (36-inch) pipeline installation to support 3205 pressure zone.

September 2021 – March 2023

I served as the Assistant Civil Engineer for the design and construction of 13,100 linear feet of 36-inch diameter steel water pipeline improvements. I reviewed drawings and specifications compiled by consultants for compliance to standards and accuracy. I performed complex calculations associated with the design of large diameter steel pipelines to verify compliance to regulatory and agency design standard. During construction I provided engineering services including submittal review, and responses to requests for information.

4. Springs Preserve Events Site, construction of 644 square foot restroom facility, hardscape, landscaping, fire access lane, and fencing at the Las Vegas Springs Preserve facility.

September 2021 – June 2023

I served as the Assistant Civil engineer where I reviewed design drawings and specifications compiled by multiple consultants for compliance and recommended acceptance. During construction I provided engineering services including bid phase support, submittal, and shop drawing review, change order review, and responses to requests for information and substitution.

5. NDOW Raw Water Pipeline Installation, 7,400 linear feet of 12-inch diameter raw water pipeline within National Park Services jurisdiction.

September 2021 – Present

I served in both the Assistant Civil Engineer role, and Civil Engineer role on this project. I evaluated the new pipeline alignment, and points of connection. I calculated and created design drawings, specifications, schedules, cost estimates, air vacuum-air release locations/sizes, hydraulic conditions, and flow requirements. I coordinated with interdepartmental staff and jurisdictional agencies for rights of way acquisitions and environmental compliance requirements. I generated and reported on design progress, schedules, and budgets to federal agencies.

6. Pipeline Replacement Projects (C1509/C1510) within Strip corridor, along Sahara Blvd. from Industrial to Las Vegas Blvd, and along Flamingo from Las Vegas Blvd. to Koval.

January 2023 – Present

I served in both the Assistant Civil Engineer role, and Civil Engineer role on this project. I designed two new water pipeline alignments, and associated points of connections. I created specifications, drawings, schedules, and cost estimates. I calculated steel wrapper plate requirements, thrust block sizing, air vacuum-air release sizes, and reinforcement length requirements. I performed complex analysis of existing infrastructure that minimized impact to existing water customers. I conducted site investigations to evaluate design feasibility, and constructability, and I have reviewed and analyzed geotechnical reports for incorporation into design requirements.

WILLIAM ZIMMERMAN (19-649-24)

All work experience reviewed by two licensed professionals

DISCIPLINE: CIVIL

GENERAL



Applying To
Nevada

Application Type
Initial - PE

Application Date
10/30/2023

Citizenship
United States

SUMMARY



Engineering Experience
after EAC degree
4 years, 2 months

Total Engineering
Experience
4 years, 2 months

Experience under licensed
engineer
4 years, 2 months

Disciplinary Action
None reported



EDUCATION



Bachelors in Civil Engineering (EAC)
University of Nevada, Reno
August 2015–May 2019

EXAMS



Fundamentals of Engineering (FE)
Nevada
December 2018

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



LICENSES



Additional Licenses
None

WILLIAM ZIMMERMAN (19-649-24)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Stantec
Nevada (United States)
Civil Designer
August 2019—January 2022

Verified by
Meghan Cronin
Meghan.Cronin@stantec.com

Experience Summary
Full-Time
Engineering: 2 years, 5 months
Post EAC degree: 2 years, 5 months
Experience under licensed engineer:
2 years, 5 months

TASKS

As a civil designer, I set up project files in AutoCAD, prepared permitting related documents, and conducted site visits to assess design documents against existing conditions. Prior to projects going to construction, I utilized AutoCAD to layout the project grading, utility design for both sanitary sewer and storm drain, signal design, and striping and signage layout. I set up cost estimates for each project to provide the client with an engineer's estimate for the overall construction cost, verifying that the quantities called out on the plans matched those in the design files, and had been updated as part of any change made during the design process.

During the permitting process of projects, I worked with local agencies, revising project documents to meet the requirements to obtain the necessary permits. During construction, I collaborated with contractors to address RFIs and to assess field adjustments, minimizing potential construction delays. I reviewed submittals against the project plans, the project specifications, and the general specifications each agency, associated with the specific project, has adopted.

REPRESENTATIVE PROJECTS

Oddie Blvd./Wells Ave. Corridor Project, Reno/Sparks Nevada

Stantec was scoped with the design of reconstructing three miles of Wells Ave. and Oddie Blvd., including updating the traffic signals at all signalized intersections within the project. Stantec was also scoped with adding bicycle infrastructure for the length of the project.

August 2019 to January 2022

I designed the striping and signage for the project, following the requirements set by the Manual on Uniform Traffic Control Devices (MUTCD). I designed the horizontal control and calculated the sight distances at each intersection.

East Prater Way Rehabilitation Project, Sparks Nevada

Stantec was scoped with the design of rehabilitating one mile of E. Prater Way, including updating the sanitary sewer and storm drain systems.

August 2019 to June 2021

I calculated existing grades and slopes of the sidewalk and pedestrian ramps throughout the project to determine what locations would need to be brought up to code. I designed the horizontal and vertical control for the project.

WILLIAM ZIMMERMAN (19-649-24)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

NCE
Nevada (United States)
Staff Engineer II
January 2022—October 2023

Verified by
John Joseph Welsh
JWelsh@ncenet.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

As a staff engineer, I set up project plans in AutoCAD, update project plans throughout the design process, and conduct site visits during the design process and construction. During the preliminary design of a project, I design the mass grading and calculate the grades to minimize the amount of over excavation. With the necessary hydrology calculations, I design any required storm drain improvements. I utilize AutoCAD to lay out the grading, drainage, striping, and signage plans. I review project scopes and determine appropriate project limits. Throughout the design process, I verify the quantities called out on the plans and provide the client with an engineer's estimate of the construction cost for the project.

During construction, I address RFIs and work with the contractor to address any inconsistencies or conflicts. I work with project inspectors to make field design decisions to avoid potential construction delays.



REPRESENTATIVE PROJECTS

Oddie Blvd./Wells Ave. Corridor Project, Reno/Sparks Nevada

NCE was scoped to review the original design of the project and provide alternative designs addressing any areas of concern in the original design. NCE was also scoped to provide engineering during construction, responding to RFIs and submittals during the remainder of the construction of the project.

February 2022 to current

I designed alternative storm drain solutions, avoiding utility conflicts during construction. I designed alternative solutions for pedestrian access routes, including sidewalk, pedestrian ramps, and crosswalks, as responses to various RFIs during construction.

Economy Lot Expansion Project, Sacramento California

NCE was scoped to design a new Economy parking lot and a new TNC/Waiting lot for Sacramento International Airport. As part of the design, drainage channels would need to be designed to convey storm events to the existing storm system.

January 2022 to current

I designed the mass and final grading for both the Economy parking lot and the TNC parking lot. I calculated the necessary grades and slopes of the drainage channels so that during a storm event, surface flow would drain off the parking lots and tie into the existing storm system.


Electrical

FRANK SANCHEZ (16-974-09)


All work experience reviewed by two licensed professionals





DISCIPLINE: ELECTRICAL

GENERAL

 Applying To **Nevada**
Application Type **Initial - PE**
Application Date **10/28/2023**
Citizenship **United States**

SUMMARY


 Engineering Experience after EAC degree **5 years, 5 months**
Total Engineering Experience **5 years, 5 months**
Experience under licensed engineer **3 years, 10 months**
Disciplinary Action **None reported**

EDUCATION

 Bachelors in Electrical Engineering (EAC)
University of Nevada, Las Vegas
August 2011–December 2017

EXAMS

 Fundamentals of Engineering (FE)
Nevada
July 2018
Principles and Practice of Engineering (PE)
Electrical & Computer
Nevada
March 2023

LICENSES

 Additional Licenses **None**

FRANK SANCHEZ (16-974-09)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

*FEA Consulting Engineers
Nevada (United States)
Electrical Tech - Design and Draft
February 2018—September 2019*

Verified by
Patrick Myrick
myricklv@gmail.com

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

TASKS

- Responsible in developing and maintaining company standards and communicate updates to key business partners/contractors.
- Designed detailed and clear plans in accordance with National Electrical Code.
- Perform load calculation on general design projects.
- Estimate, and balance loads on a 3-phase system.
- Support on the selection/analysis of conductor sizing for branch and feeder circuits per Voltage Drop NEC recommendations.
- Perform calculation/design for Electrical services for client.

REPRESENTATIVE PROJECTS

- From 11/2018 to 08/2019 – Scope of project: Upgrade and expand casino located in Sacramento, CA. I drafted and supported on designs for Casino/hotel project.
 - o I performed load calculation for food service schedules to all kitchens/restaurants in the casino.
 - o My role was to provide my manager and supervisor the load forecast for several food services. Food service drawings provided to our Electrical design/draft team were used to forecast KVAs required for service. The forecasted load would then be implemented on repurposed or existing panel schedules and new panel schedules. The approximate load for all panel and sub panels will then give my manager an idea on how to size the service if necessary.
 - o The load study for Food Service project required me to calculate voltage drop for each kitchen panel up to the distribution service.
 - o All work was done on AutoCAD and Revit; and was through the support of both manager and supervisor. The Electrical design plans provided everything necessary to start construction.
- From 2/2018 to 11/2018 –
 - o Performed Electrical drafts for commercial, and residential projects when possible.
 - o I performed load calculation for food service schedules to all kitchens/restaurants when requested.
 - o My goal was to keep company standards to assure the client is satisfied with work.

FRANK SANCHEZ (16-974-09)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Mission Support and Test Services
Nevada (United States)
Electrical Field Engineer
September 2019—September 2020

Verified by
Matthew Voegele
mdv638@gmail.com

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

TASKS

- I provided Engineering assistance to the field on power system related issues to ensure proper operation and design consistency.
- I interpreted complex plans and specifications and applied available information to ensure that all project Electrical construction design requirements and work schedules are satisfied on a timely manner.
- I performed Electrical testing on various Electrical equipment and reviewed results to ensure its intended operations for projects on hand.
- I was responsible for providing Electrical contingency that provides power to projects in accordance with the National Electrical Code and on-site facility standards.

REPRESENTATIVE PROJECTS

- From 09/2019 to 04/2020 – I worked on in-house projects to support the advancement of future projects in the company: Location of project is at Nevada National Security Site.
 - o I ensured the integrity of equipment used in future projects. For this to be achieved, I tested Electrical conductors with wiremen. The tests included the use of the hi-pot and the megger.
 - o I confirmed that all electrical lines were tested and approved for use on the field.
- From 04/2020 to 09/2020 - I supported the construction and design of a radio tower for the company. Location of project is at Nevada National Security Site.
 - o I was responsible for: Conducting Drawing Revisions, and estimating necessary materials needed in reference to the Electrical drawings.
 - o I assured materials arrived on-time for schedule efficiency, and daily on-field inspections of work done.
 - o I provided engineering assistance to the field on power system related issues to ensure proper operation, such as assuring cable drops meet the standard distance and NEC size for appliances, etc.
 - o I conducted ground resistance tests on all grounded systems that had to comply with NEC standards.
 - o I worked with Design Engineers, my fellow colleagues, and the AHJ to assure that the proposed work is acceptable in accordance with the standards in place.
 - o I designed and proposed temporary Electrical installations to support the ongoing projects when needed with the support and approval of the Authority Having Jurisdiction Engineer.

FRANK SANCHEZ (16-974-09)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Mission Support and Test Services
Nevada (United States)
Electrical Engineer 1 - Electrical
System Engineer
September 2020—February 2022

Verified by
Mike Rickard
mikeronda@hotmail.com

Experience Summary
Full-Time
Engineering: 1 year, 5 months
Post EAC degree: 1 year, 5 months
Experience under licensed engineer:
1 year, 5 months

TASKS

- Conduct designs, strategies, reports, and technical proposals.
- Validate physical configuration of facility systems. Maintains and updates system documents for Configuration Management.
- Contribute to developing field Electrical programs and designs using pre-determined principles and practices.
- Responsible for maintaining overall cognizance of assigned facility systems, providing systems engineering support for operations and maintenance, and technical support of line management safety responsibilities for ensuring continued system operational readiness.

REPRESENTATIVE PROJECTS

- From 09/2020 to 06/2021 - I worked on providing engineering assessments on multiple project designs that were used on the progression of the mission at MSTs: Location of projects are at Nevada National Security Site.
 - o Contributed to assessing Electrical drawings/designs proposed by Design Engineers.
 - o I created Change Requests that allowed the Electrical design drawings to be initiated in the facility. The Change requests that I created were used to assure that the standards in the facility along with the NEC standards were being followed before the construction process commenced. In doing so, we assured that the facility was safe and was not affected in any negative way by the proposed projects.
 - o My Change Requests also provided extended engineering calculations on Electrical installations to prove that design is acceptable for the facility.
- From 01/2021 to 11/2021 - I prepared/contributed to designs, and technical proposals to temporarily install a VFD (Variable Frequency Drive) which can control a booster fan inside the facility: Location of projects is at Nevada National Security Site.
 - o I was responsible in creating an Electrical design/proposal that proves that the existing layout of the facility can support the temporary installation.
 - o I calculated the Electrical requirements for the 100HP VFD that was temporarily installed. From the minimum cable ratings to finding the right electrical system that can support the load required, along with support details for all the electrical materials necessary.
 - o I worked with Design Engineers, my fellow colleagues, and the AHJ to assure that the proposed work is acceptable in accordance with the standards in place.
 - o When commissioning the VFD, I troubleshooted and assured the installation of the electrical equipment was ready for operation readiness.
- From 06/2021 to 02/2022 - The project was to provide temporary power to priority equipment that was deemed vital to the facilities' ongoing critical activities: Location of projects is at Nevada National Security Site.
 - o I calculated the load requirements of priority equipment by analyzing existing Electrical single line diagrams.
 - o During the electrical study, I utilized existing electrical distribution boards on-site that had enough power to support priority equipment if necessary.
 - o I assured that the generators my colleagues were renting for the project had enough Electrical capacity to support priority loads.
 - o For the technical proposal, I provided the minimum trade sizes for the electrical cables, along with correctly sized circuit breakers and fuses using NEC standards.
 - o During the design process, I worked with Design Engineers, my fellow colleagues, and the AHJ to assure that the proposed work can work using pre-determined principles, practices, and NEC standards.

FRANK SANCHEZ (16-974-09)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

NV Energy
Nevada (United States)
Electrical Engineer 2
February 2022—July 2023

Verified by
Michael Kraut
michael.kraut@nvenergy.com

Experience Summary
Full-Time
Engineering: 1 year, 5 months
Post EAC degree: 1 year, 5 months
Experience under licensed engineer:
1 year, 5 months

TASKS

I conducted Real-time Operations Engineering Analytics on the distribution system, and transmission system. I performed power quality analysis and provided reports to major customers. I planned and performed contingency on the power system and conducted voltage distribution assessments.

REPRESENTATIVE PROJECTS

- Carey-Nellis 69kV transmission line Contingency Analysis: North Las Vegas: 5/1/23 to 5/6/23
 - o I reviewed the scheduled transmission outage on how the system will be radially fed to prevent unintended power outages.
 - o I provided solutions on how to perform contingency switching for numerous affected transmission and distribution lines to ensure power system reliability.
 - o I provided engineering assistance and recommendations to multiple entities on power system related outages in compliance with regulatory commission.
- Winterwood 69kV Main Bus and 69kV Transfer Bus: Las Vegas: 4/10/223 to 4/22/23
 - o I reviewed the scheduled transmission outage on how the system will be radially fed to prevent unintended power outages..
 - o I provided solutions on how to perform contingency switching for numerous affected transmission and distribution lines to ensure power system reliability.
 - o I provided engineering assistance and recommendations to multiple entities on power system related outages in compliance with regulatory commission.
- ADV Water Treatment 69kV PCB: Las Vegas: 5/1/22 to 5/5/22
 - o I reviewed the scheduled transmission outage on how the system will be radially fed.
 - o I recommended solutions on how to perform contingency switching for numerous transmission and distribution lines affected.
 - o I advised the major account executives on the possibility of not providing power when under a scheduled outage.
- Real-Time Analytics on Distribution and Transmission systems: Nevada Energy Electrical Grid: 2/14/22 to Now
 - o I perform power quality analysis on the distribution and transmission system; and analyze event reports per outage incident.
 - o I provide an engineering analysis report/update to major executives.
 - o I perform voltage distribution assessments to ensure power quality to major accounts and customers.
 - o I analyze upcoming power disturbances (storms, high winds, etc.) to the system and provide solution and readiness to the power system; as well as provide accurate assessment and solution to Nevada's Regulatory Agency, PUCN affecting the transmission and distribution systems.

BRYAN SOTO (18-979-91)

All work experience reviewed by two licensed professionals

DISCIPLINE: ELECTRICAL

GENERAL



Applying To
Nevada

Application Type
Initial - PE

Application Date
10/20/2023

Citizenship
Philippines

SUMMARY



Engineering Experience
after EAC degree

Total Engineering
Experience
6 years, 1 month

Experience under licensed
engineer
6 years, 1 month

Other Experience
14 years, 7 months

Disciplinary Action
None reported



EDUCATION



Meets NCEES Engineering Education Standard

Bachelors in Electrical Engineering
Saint Louis University
June 1997–March 2002



EXAMS



Fundamentals of Engineering (FE)
Nevada
March 2021

Principles and Practice of Engineering (PE)
Electrical & Computer
Nevada
June 2022

LICENSES



Additional Licenses
None

BRYAN SOTO (18-979-91)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

National Transmission Corporation
Nueva Vizcaya (Philippines)
Substation Engineer
March 2003—March 2008

Verified by
Oscar Baristol Mina
oscarbmina@gmail.com

Experience Summary
Full-Time
Engineering: 5 years
Experience under licensed engineer:
5 years

TASKS

- I analyzed data gathered daily from meters, relays, and gauges; I investigated data that was out of normal limits and then recommended necessary corrective measures.
- I conducted monthly thermal imaging of all cable connectors and terminals of high voltage equipments at 230 kilovolts (kV) and 69 kilovolts (kV). I analyzed the thermal results, identified hotspots and potential faults, and then recommended corrective measures.
- I prepared monthly Customer Billing Meter reports, where data are gathered from customers station's power meters, and calculated the amount of energy that each customer consumes.
- I performed fault analysis during a transmission line outage. Using the double ended impedance base fault location method, I performed engineering calculations to determine the location of the fault along the transmission line.
- I performed a monthly capacity test and analysis of station batteries, which included recording the float voltage, specific gravity, and electrolyte levels of each cell. I analyzed battery data trending to determine if problems were imminent.
- I identified miscoordinated relays during a fault, collected fault data, and analyzed relay response and trip time as coordinated with other relays. Then, recommended verification and rectification of relay settings to the relay group.
- I performed a yearly analysis of insulating oil samples collected from the 40MVA and 15MVA Power Transformers and 69kV Oil Circuit Breakers using the Oil Quality Test, DGA (Dissolved Gas Analysis), and other oil test like the Dielectric Breakdown Voltage Test.
- I gathered information and prepared as-built drawings for the upgrade or replacement of equipment.
- I participated in the Quarterly and Annual Preventive Maintenance of all equipment at the Bayombong Substation, wherein various or numerous tests on each piece of equipment were being conducted.
- 100% engineering participation

REPRESENTATIVE PROJECTS

My first three months of internship at the National Transmission Corporation have provided me with an avenue to get familiar with the basic concepts of electrical engineering, specifically power transmission and distribution. I interned with senior engineers in the transmission station's operation and maintenance department. I familiarized myself with the standard operating procedures of the substation. I performed switching procedures for breakers and switches under the supervision of a senior engineer during substation maintenance.

After my internship, I was given a position as a substation engineer at the same company. I am one of the engineers assigned and carried out smooth operation of power equipment to ensure continuous reliability of power delivery at the 230/69 kV Bayombong Substation. In addition to the routine tasks and duties that I performed, the Bayombong Substation had project upgrades that I was part of.

Project/Location: Replacement of 69kV Oil Circuit Breaker (OCB) for Shunt Reactor / Bayombong Substation, Bayombong, Nueva Vizcaya, Philippines

Dates of Project: June 2003 to January 2004

The project was a replacement of a 69kV Oil Circuit Breaker (OCB) with a new OCB for a 69kV shunt reactor. I prepared equipment specifications for the new breaker. I conducted various tests, such as the visual, resistance, insulation resistance, and mechanical operation of the new breaker. I conducted an inspection during the installation of the new breaker to ensure design compliance, and finally, its commissioning.

Project/Location: Construction of a 230kV Breaker and a Half Bay 2 for Bayombong 230/69kV Substation / Bayombong, Nueva Vizcaya, Philippines

Dates of Project: April 1, 2004 to January 31, 2007

The project was an expansion of a 230 kV switchyard. In addition to the two (2) existing breaker and half bays, a new third breaker

and half bay will be constructed. I prepared the equipment specifications for the 230 kV breakers and switches. I performed a DC study of the existing two (2) battery banks to ensure sufficient DC supply with the inclusion of the additional 230 kV Bay 2 DC loads. I designed a lighting study of the expansion site using point-by-point foot-candle method calculations and prepared a schedule of luminaires. I verified point-to-point checks of the protection and control design drawings. I conducted inspections during the construction to ensure compliance with the design.

BRYAN SOTO (18-979-91)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Caring Nurses, Inc.
Nevada (United States)
Assistant Network System
Administrator
February 2008—May 2021

Verified by

Experience Summary

Full-Time

Other: 13 years, 3 months

Experience under licensed surveyor:

None



DESCRIPTION

BRYAN SOTO (18-979-91)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Raider Electric
Nevada (United States)
Maintenance Engineer
May 2021 – September 2022

Verified by
David Javier
xxx@mail.com

Experience Summary
Full-Time
Other: 1 year, 4 months
Experience under licensed surveyor:
None



TASKS

Electrical Engineering
Maintenance Engineer
PLC layout for Growhouse compliant to plan
Replace defective breakers, contactors, switches, CT, and meters
Prepare cable schedule for motor controls
Cable Calculations
Prepare equipment specification
Configure settings of meters and gauges
Performed resistance test for motor
30% Engineering Percentage



REPRESENTATIVE PROJECTS

Growhouse
Ergon Asphalt
-Lighting study for open yard, Tank and Pump locations
-Resistance test for 75 HP motor
-Prepare motor specs and cables for the replacement of 75Hp motor
-Cable schedule of motor controls
-Prepare cable schedule for replacement of wires from 480 Volts panel to Sulfur Tank motor
-Relay setting magnetic contactor
-Prepared equipment specification of surge suppressor to be installed on the line side of the Boiler 480 Panel
-I inspected installation of panels, relays,

BRYAN SOTO (18-979-91)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Pike Engineering LLC
Georgia (United States)
Electrical Engineer II
September 2022—October 2023

Verified by
Yingkai Zai
KZai@pike.com

Experience Summary
Full-Time
Engineering: 1 year, 1 month
Experience under licensed engineer:
1 year, 1 month

TASKS

- Attended site visit inspection of the on-going construction of the distribution substations.
- Attended site visit and gathered scoping data for proposed substation projects.
- Performed DC studies of substation DC loads to determine the specifications of the battery, battery charger, and monitor.
- Prepared the protection and controls design for a new Battery Energy Storage System (BESS) Station and interconnecting 345/34.5kV substation.
- Performed QA review of the protection and controls design packages of the North Griffin 115/12kV Distribution Substation.
- Prepared the Bill of Material (BOM) and Bill of Wire (BOW) specifications and take-offs for various substation project.
- Performed illumination study of substation yard lighting.
- Prepared equipment specifications for HV/MV substation equipment.
- Develop proposal and performing scoping of new substation projects.

REPRESENTATIVE PROJECTS

KCE TX-15, LLC, Limousin Oak Storage, BESS (Battery Energy Storage System) Station / Singleton, Texas
September 2022—January 2023

TX-15 is a 100MW, 200MWH Battery Energy Storage Facility being constructed in Singleton, Texas. This facility will connect to the grid at Centerpoint Energy's 345 kV switching station (Singleton Substation). As a lead engineer for this project, I reviewed and made the necessary rectifications to the Protection and Controls (P&C) design package, which includes the single line diagram, three line diagrams, and communication diagrams. I also designed the DC schematics and reviewed panel front views and wiring diagrams.

North Griffin 115/12KV Substation Rebuild of Georgia Power
Griffin, Georgia
November 2022—July 2023

North Griffin Distribution Substation will be full rebuild as a 115/12kV single bank transformer station with three (3) 115kV incoming lines and three (3) 12kV feeder. Being the lead engineer, I developed the relay single line diagram per Georgia Power standards. I reviewed the 30%, 60%, and 90% design packages, which include three line diagram, AC/DC schematics, communication diagrams, panel front views and wiring diagrams, a DC supply system, equipment elementary, and wiring diagrams. I prepared the bill of material and the bill of wire specifications. I performed a DC study of the DC loads to determine the specifications of the station battery, battery charger, and monitor.

Illumination Study for Okatie 230kV Substation of Dominion Energy South Carolina, Inc.
Hardeeville, Jasper County, South Carolina
April 2023—May 2023

I gathered the information and drawings needed for the switchyard lighting study. I performed lighting study analysis using point-by-point foot-candle calculations and in compliance with the city zoning lighting requirements, IEEE standards, and NESC. I prepared the luminaire schedule for the switchyard.

North Fairmount 115/12kV Distribution Substation of Georgia Power / Fairmount, Georgia
August 2023—January 2024

North Fairmount Distribution Substation is a single bank transformer with two 115kV incoming lines and two (2) 12kV overhead feeders. I developed the single line diagram and the three line diagram as per Georgia Power standards.

Amelia Island Plantation (AIP) 69/13.8KV Substation of Florida Public Utilities Company / Fernandina Beach, Florida
August 2023—April 2024

The AIP project is a full rebuild distribution substation located in Fernandina Beach, Florida. It is a two bank transformer

substation with one (1) 69kV incoming line and six (6) 13.8kV underground feeders, fed via existing 15kV bus duct and two metal clad 15kV switchgear. As the P&C lead design engineer, I attended the team site scoping visit, gathered information, and prepared the P&C design of the project. I designed the relay single line diagram and the three line diagram. I performed engineering calculations to determine the equipment specifications of the 15 kV low side breakers, (i.e., BIL, bushing CT ratios, number of CTs, type of interrupting medium, duty cycle, and operation cycle), as well as equipment specification for new 15kV bus duct.

Environmental

SARASWATI POUDEL ACHARYA (20-556-33)

All work experience reviewed by two licensed professionals

DISCIPLINE: ENVIRONMENTAL

GENERAL


 Applying To
Nevada

Application Type
Initial - PE

Application Date
10/23/2023

Citizenship
Nepal

SUMMARY



 Engineering Experience
after EAC degree

Total Engineering
Experience
2 years

Experience under licensed
engineer
2 years

Other Experience
1 year, 2 months

Disciplinary Action
None reported

EDUCATION

 Bachelors in Agriculture (Unofficial Transcript)
Tribhuvan University
July 2004–October 2008

Masters in Agricultural Economics (Unofficial Transcript)
University of Agricultural Sciences Bangalore
August 2009–March 2013

Masters in Agronomy
West Virginia University
May 2011–August 2014

Doctorate in Civil and Environmental Engineering
University of Utah
August 2016–December 2018



EXAMS

 Fundamentals of Engineering (FE)
California
May 2020

Principles and Practice of Engineering (PE)
Environmental
Nevada
December 2022

LICENSES

 Additional Licenses
None

SARASWATI POUDEL ACHARYA (20-556-33)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Regenesis
California (United States)
Research Scientist
February 2019—July 2020

Verified by
Saraswati Poudel Acharya (Self)

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



TASKS

Development of remediation products.



REPRESENTATIVE PROJECTS

Working on emerging contaminants.

SARASWATI POUDEL ACHARYA (20-556-33)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

California Department of Public Health
California (United States)
Research Scientist II
July 2020—September 2021

Verified by

Experience Summary

Full-Time

Other: 1 year, 2 months

Experience under licensed surveyor:

None



TASKS

Analytical chemist



REPRESENTATIVE PROJECTS

Drinking water

SARASWATI POUDEL ACHARYA (20-556-33)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

State Water Resource Control Board
California (United States)
Water Resource Control Engineer
October 2021 – October 2023

Verified by
Craig James Sanchez
craig.sanchez@waterboards.ca.gov

Experience Summary
Full-Time
Engineering: 2 years
**Experience under licensed engineer:
2 years**



TASKS

I am currently working (from October 1, 2021, to Present) as a Water Resource Control Engineer and a Grant Manager for several chlorinated solvent (trichloroethylene, TCE; and tetrachloroethylene, PCE) and petroleum hydrocarbons contaminated sites. I am affiliated with the State of California. The tasks and duties that I am responsible for as a Water Resource Control Engineer at State of California are all related to the field of environmental engineering. I manage multiple grants and provide technical expertise with regards to site investigation, remedial technology selection and design, and remediation of contaminated sites. I provide programmatic, regulatory, technical, and engineering consultation on investigation and remediation methods, project budgets, and schedules related to grant funding. I prepare written recommendations for project approval and funding for upper management.



REPRESENTATIVE PROJECTS

October 2021 to Present

Projects/Sites: JFL Electric & Certified Coatings Products Company

Purpose: Site investigations for future remediation of these sites.

I developed and evaluated conceptual site model (CSM) of these contaminated sites with an unauthorized contaminant release of chlorinated solvents based on information provided in GeoTracker. I use CSM to delineate unauthorized contaminant releases to soil and groundwater. I identified the data gaps and proposed the future work for investigation and remediation of these sites. I, consultants and regulatory body developed scope and cost to work at these sites. The investigation of these sites was done by reviewing historical data (EDRs, sanborne maps, regional hydrogeological maps, utilities maps). For further delineating the extent of contamination, proposed work included, passive soil vapor sampling, indoor air sampling, high resolution site characterization, construction of soil vapor and groundwater wells. I reviewed the work plan that is submitted by the consultants for the work they propose. I provided technical expertise on determining the locations and technology selection for indoor-air and MIP/CPT/HPT (Membrane Interface probe/Cone Penetration Test/Hydraulic Profiling Tools). The indoor air results were evaluated, and short-term vapor mitigation was proposed to address the risk for people living in residential and commercial properties. I reviewed documents prepared by consultants for public participation activities associated that required notifications to occupants within 500 ft radius of sites location.

Sites: Earl Manufacturing and Former Carson Cleaners

Purpose: To evaluate effectiveness of Interim Remedial measures.

I facilitated Joint Execution Team meetings with regulatory agencies and key stakeholders to discuss technical, engineering, and regulatory aspects of these projects. I worked with all parties to evaluate viable remedial alternatives (natural attenuation, Soil Vapor extraction, Thermal-remediation, and excavation). The remedial alternatives were evaluated in terms of short-term effectiveness, long-term effectiveness, performance, reduction of toxicity, mobility, or volume of the contaminant plume, implementability, overall protection of human health and environment, and associated costs. I made decision to select soil vapor extraction (SVE) as a remediation alternative for these projects. The designs for SVE systems was evaluated and optimized on a regular basis to minimize the vapor intrusion risk. I review onsite/offsite access permission and SVE operation permits and provide feedback. I make decisions on the design of SVE wells (single/double nested/triple nested), locations of these wells, construction/installation/startup, and optimization of SVE system. I evaluate data during the operation of the system, conduct rebound test and evaluate the effectiveness of SVE system.

Site Name: Chowchilla Cleaners, Dotzenrod Shell Anderson, Palomar cleaners

Purpose: Investigation of Groundwater (GW) contamination and remediation.

I reviewed CSM to delineate unauthorized contaminant releases to groundwater, appropriateness of GW monitoring networks, reasonableness of remedial design, and operational effectiveness of soil and groundwater remediation systems. I decide on various injections activities that require engineering calculations including the porosity, flow rate, mass flux of contaminants and the volume of water to be treated. I decide on selection of remediation alternatives that involves in greater details the evaluation of contaminants physical and chemical properties, their fate and transport parameters and their behavior (DNAPL – Dense Non-Aqueous Phase Liquids or in other medias). Conducting the batch scale testing with various amendments, evaluating results, selecting the best alternative for remediation, baseline sampling as per WDR (Water Discharge Requirements) permits are part of my everyday job.

Project: Monitoring of the contaminated medias (soil, Groundwater, indoorair, soil vapor).

Purpose: To monitor the concentration of contaminants in medias before and after remediation

I along with regulatory agencies keep track of monitoring of contaminant concentrations. I make decisions on installation and operation of vapor intrusion mitigation system (VIMS) if there exists a human health risk in and around any of the sites.

In addition to these site-specific tasks, I perform through technical review of progress reports and invoices, track milestones and deliverables. I review, evaluate reimbursement requests, and make determinations about whether submitted costs are reasonable and necessary with respect to engineering or remediation principles, applicable cost guidelines and regulations and, therefore, eligible for reimbursement. I present progress of projects to management as well.

I have earlier experience of working on various remediation amendments. Through that expertise, I currently provide technical expertise on remediation for other contaminants of concerns like Chromium VI, heavy metals, per- and polyfluoroalkyl substances.

Mechanical

BRIAN KIST (15-941-37)

All work experience reviewed by two licensed professionals

DISCIPLINE: MECHANICAL

GENERAL



Applying To
Nevada

Application Type
Initial - PE

Application Date
10/06/2023

Citizenship
United States

SUMMARY



Engineering Experience
after EAC degree
4 years, 9 months

Total Engineering
Experience
4 years, 9 months

Experience under licensed
engineer
4 years, 9 months

Other Experience
6 years, 6 months

Disciplinary Action
None reported



EDUCATION



Bachelors in Mechanical Engineering (EAC)
University of Nevada, Las Vegas
September 2010–May 2016

EXAMS



Fundamentals of Engineering (FE)
Nevada
August 2015

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



LICENSES



Additional Licenses
None

BRIAN KIST (15-941-37)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

MGM Resorts International, Monte Carlo
Nevada (United States)
Stage Technician
August 2011 – November 2012

Verified by

Experience Summary

Full-Time

Other: 1 year, 3 months

Experience under licensed surveyor:

None



DESCRIPTION

BRIAN KIST (15-941-37)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Stage Crew
Nevada (United States)
Stage Technician
November 2012—July 2014

Verified by

Experience Summary
Part-Time
Other: 10 months (50%)
Experience under licensed surveyor:
None



DESCRIPTION

BRIAN KIST (15-941-37)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

MGM Resorts International, Mandalay Bay
Nevada (United States)
Lighting Technician
July 2014—December 2018

Verified by

Experience Summary

Full-Time

Other: 4 years, 5 months

Experience under licensed surveyor:

None



DESCRIPTION

BRIAN KIST (15-941-37)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Southland Industries
Nevada (United States)
Design Engineer II
January 2019—October 2023

Verified by
Christopher John Vallo
cvallo@southlandind.com

Experience Summary
Full-Time
Engineering: 4 years, 9 months
Post EAC degree: 4 years, 9 months
Experience under licensed engineer:
4 years, 9 months

TASKS

I was hired by Southland Industries as a Design Engineer I, an entry level mechanical and plumbing design engineer for the construction industry. I have been employed by Southland Industries since January 1st, 2019. As a Design Engineer I, my tasks and duties include management of BIM models for drawing packages, drafting content for drawing packages, and performing calculations to size ductwork, pipework, as well as performing load calculations to determine required ventilation, cooling and heating requirements for various projects, including casino tenant improvement projects, school district projects, healthcare projects, and data centers. Tasks also included selecting and sizing diffusers, direct expansion and variable refrigerant flow equipment, variable air volume system design, exhaust fans, sump pumps, and performing psychrometric analysis. I made decisions determining the routing for duct and pipework, determining the placement location of equipment, and deciding what type of equipment is the best fit for the client. I reviewed equipment selections with other consultants to make sure our layouts and equipment requirements could be accommodated in the design phase. I reviewed my designs to ensure code compliance as indicated by the authority having jurisdiction. On January 1st, 2023, I was promoted to Design Engineer II. My tasks and responsibilities include the previously listed tasks above, as well as becoming more involved in coordination with general contractors, clients, and other consultants on the design team. This includes attending meetings to provide updates to mechanical design, directly contacting the architects, electrical engineers, and owners to coordinate mechanical requirements, appropriately select equipment, and ensure a smooth project execution from project origin to completion. I also provide duct and pipe routing markups as well as guidance for calculations to younger engineers Design Engineer I position or in internship roles.

REPRESENTATIVE PROJECTS

From June 2019 to August 2019 I worked on the SLS Las Vegas Northwest expansion project. The project was the removal of a previous restaurant, and the installation of new casino space. I created the drawing package, demolition drawings for existing ductwork and diffusers, and new construction drawings for the ductwork and diffuser layout.

From September 2019 to July 2020 I worked on the Din Tai Fung Restaurant in Las Vegas, Nevada. The project was the renovation of an existing restaurant space to accommodate the new restaurant. I calculated sizes for sanitary sewer, grease waste, domestic water and gas services based on the food service consultant's equipment, designed and drafted routings for the pipework and provided new pipe routings, and demolition drawings for existing services. I designed mechanical ductwork, routings and demolition drawings for existing mechanical ductwork.

From January 2020 to September 2023 I worked on the St. Rose De Lima Phase 2 project in Henderson, Nevada. This project was the second phase renovation of the first and second levels of the St. Rose De Lima hospital, which included major mechanical redesign to accommodate new room layouts, hospital equipment, and room categories. I designed the new mechanical services for the new room layouts, and provided demolition drawings for existing services. I designed the ventilation for the spaces based on currently accepted healthcare code as designated by the authority having jurisdiction. I performed load calculations to determine heating and cooling requirements. I recommended options during the construction phase to the mechanical contractor to accommodate existing site conditions as well as working with any field changes during the construction phase, and performed site walks. I reviewed markups provided by the mechanical contractor during the construction phase to guarantee compliance with the engineering drawings.

From March 2020 to March 2022, I worked on the Henderson Events Center project in Henderson, Nevada. The project was the construction of a sports and entertainment venue. I designed HVAC routings and sizing for ductwork for VAV Air handling units serving the arena. I designed diffuser layouts for spaces in the arena. I recommended equipment locations for the new units as well as exhaust fans required for the refrigerant machinery room, restrooms and janitor closets, and grease exhaust fans for food service areas. I reviewed applicable codes to confirm that the design is code compliant, and performed site walks.

From February 2021 to August 2023 I worked on the Walter Johnson Middle School project, which included replacing existing multizone air handlers, refurbishing the chiller plant, replacing cooling towers, replacing exhaust equipment, and rooftop units. I performed load calculations for in scope areas, including electrical rooms, classrooms, corridors, locker rooms, a gymnasium, and cafeteria spaces. I reviewed building codes and specific school district requirements for compliance. I drafted and designed ductwork, and provided demolition drawings for HVAC systems. I designed pipe routings for the central plant based on the replaced cooling towers and chiller refurbishment. I recommended options to the mechanical contractor during the construction phase, I reviewed submittals provided by the mechanical contractor for new equipment to ensure compliance with the engineering drawings, and performed site walks.

From December 2020 to March 2023 I worked on the Sahara Las Vegas Elevator Modernization project in Las Vegas, Nevada. The project included replacement of elevator equipment in the Sahara Las Vegas Hotel. I performed load calculations for in scope areas, designed and selected variable refrigerant flow systems. I performed refrigerant volume calculations to ensure code compliance. I recommended options to the mechanical contractor during the construction phase to accommodate field conditions, I reviewed submittals for equipment to ensure compliance with the engineering drawings, and performed site walks. I reviewed applicable codes to confirm that the design is code compliant.

From June 2022 to present day, I am working on the Vantage Data Center AZ1 Project in Goodyear, Arizona, a colocation data center. I performed load calculations, equipment selections, and designed duct and refrigerant pipe routings. I recommended options to the mechanical contractor during the construction phase to accommodate field conditions and I reviewed submittals provided by the mechanical contractor for new equipment to ensure compliance with the engineering drawings. I performed site walks to verify proper installations.

Land Surveyor

AARON MARTINEZ (18-906-03)

All work experience reviewed by two licensed professionals

DISCIPLINE: LAND SURVEYING

GENERAL


 Applying To
Nevada

Application Type
Comity - PS

Application Date
10/13/2023

Citizenship
United States



SUMMARY



 Surveying Experience after
EAC degree
10 years, 6 months


Total Surveying
Experience
10 years, 6 months

Experience under licensed
surveyor
10 years, 6 months


Disciplinary Action
None reported


 




EDUCATION

 Bachelors in Civil Engineering (EAC)
University of Nevada, Reno
August 2003–December 2008

Bachelors in Land Surveying / Geomatics
Great Basin College
May 2017–May 2018

 **Waiver Request:** NRS 625.270 (2)(b) (b) Pass the examination on the fundamentals of land surveying required by paragraph (a) of subsection 1 of NRS 625.280 or receive a waiver of that requirement.


EXAMS

 Fundamentals of Engineering (FE)
Nevada
October 2007

Principles and Practice of Engineering (PE)
Civil
Nevada
April 2010

Principles and Practice of Surveying (PS)
Nevada
May 2023

LICENSES

 Initial License
Nevada
Issued: January 2012
Expires: December 2023

Additional Licenses
None

AARON MARTINEZ (18-906-03)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Lumos & Associates, INC
Nevada (United States)
Project Engineer
April 2005—April 2013

Verified by
Michael Douglas Bennett
mbennett@lumosinc.com

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

TASKS

I performed the following survey workflows:

Navigated the PLSS

Federal-State-County Records Research

Equipment setup (GNSS, Level)

Topographic Survey

Planimetric Surveys included: Roadways, Utilities (Water, Sewer, Stormwater, Electrical, Communications), Concrete Flatwork, Curb & Gutter, ADA infrastructure & Geotechnical Bore pit locations

Control point identification, calibration and data set move/rotation workflows

Boundary Line recreation by translating recorded parcel data through Metes and Bounds descriptions, into a digital format.

Surface Model creation, with break line development and 1' Contour interval output.

Cut/Fill & Slope Staking

GIS data download and import into AutoCAD

Field data processing & import into AutoCAD

Basemap creation, including planimetric & topographic data depiction, ROW's, existing Centerlines, NDOT Stationing Alignments, Ex Ground Profiles, Ex Property Lines, Ex Easements

FAA AC No: 150/5370-10H Asphalt Finish Grade Elevation survey

Grading Plans for: Roadways, Residential Sites, Commercial Sites, Stormwater Drainage, Utility Elevations, Concrete Flatwork, Curb & Gutter, Asphaltic Concrete

REPRESENTATIVE PROJECTS

Eureka Airport Runway Reconstruction, 2013, Eureka County, NV

I performed elevation verification surveys on centerline & edge of pavement locations of Basecourse Grade and Finish Grade Asphaltic Concrete across roughly 7,300 linear feet of Runway 18-36. Such surveys were performed to ensure the contractor was within the vertical elevation tolerances of the Federal Aviation Administration, Advisory Circular No: 150/5370-10H. I performed equipment setup, control point identification, backsight & foresight procedures, data acquisition, data recordation and reporting.

Industrial Parkway Reconstruction, Lyon County, 2011, Moundhouse, NV

I performed offset hub establishment of design grades with Contractor covering roughly 5,500 linear feet of roadway and drainage features. Utilizing a level and hand held level, the following items were established every 25 feet: Subgrade, basecourse grade, and finish grade elevations at horizontal / vertical curves and critical grade break locations for edge of pavement.

Goldfield Facultative Lagoon #2 , Esmeralda County, 2009 Goldfield, NV

I performed infrastructure stakeout operations outlining design limits, cut & fill specifics, project excavation limits and slope staking. I performed equipment setup (GPS equipment & Level), control point identification, backsight & foresight procedures and stakeout operations.

Goldfield Collection System , Esmeralda County, 2008 Goldfield, NV

I performed infrastructure stakeout operations outlining the project horizontal design alignment for the proposed Sanitary Sewer mainline. I created offset hub and lath establishment, illustrating cut and fill designations to pipe flowline elevations and finish grade roadway elevations. I performed equipment setup (GPS equipment & Level), control point identification, backsight & foresight procedures and stakeout operations.

Sierra Street and Court Street Reconstruction Project, RTC, 2006, Reno, NV

I performed Topographic & Planimetric Survey of the roadway, curb & gutter, surface infrastructure and underground utilities. I performed manhole and water line elevation determinations. I site calibrated into an existing control network.

Kleppe Lane Rehabilitation Project, Washoe County RTC, 2005, Reno, NV

I performed Topographic & Planimetric Survey of the roadway, curb & gutter, surface infrastructure and underground utilities.

Wooster High School Track, Washoe County School District, 2005 Reno, NV

I performed Topographic & Planimetric Survey of the existing track and surrounding infrastructure. I performed backsight & foresight procedures, along with data acquisition & recordation. I extended an existing control network to the site location. I performed stakeout operations of the proposed bore pit excavation pits.

AARON MARTINEZ (18-906-03)

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

A.M. Engineering
Nevada (United States)
Principal Engineer / Owner
April 2013—October 2023

Verified by
Larry Kelley Stevenson
LK@am.engineering

Experience Summary
Full-Time
Surveying: 10 years, 6 months
Post EAC degree: 10 years, 6 months
Experience under licensed surveyor:
10 years, 6 months



TASKS

I PERFORMED AND CURRENTLY PERFORM THE FOLLOWING DUTIES FOR:

- 10% Engineering
 - o Streets & Highways
 - o Capital Improvement Plans
 - o Residential & Commercial Development
 - o Long & Short Range Master Planning
 - o Bicycle & Pedestrian ADA Facilities
 - o Federal, State and Local Permitting
 - o Feasibility Studies
 - o Hydrologic & Hydraulic Analysis
 - o Preliminary Engineering Reports
 - o Storm Drainage Design
 - o Sanitary Sewer Design
 - o Erosion Control & Water Quality BMPs
 - o Water Distribution System Design
 - o Water Treatment System Design
 - o Evaporation/Lined Ponds
 - o Water Distribution Systems

90% SURVEYING SERVICES:

- US National Map Accuracy Standards
- FGDC Geospatial Standards
- Public Land Survey System
- Federal, State & County Records Research
- Deed Identification
- Water Boundaries
- ALTA/NSPS Land Title Surveys
- Boundary Surveys
- Easement Identification & Establishment
- Planimetric Surveys
- Topographic Surveys
- ADA data acquisition & stakeout
- Cut/Fill & Slope Staking
- GNSS Operation
- EDM Operation
- Robotic Total Station Operation
- Fixed Wing & Rotary Aircraft Operation
- High precision LiDAR Data Acquisition & Post Processing
- Photogrammetric Data Acquisition & Post Processing



REPRESENTATIVE PROJECTS

Elko Terminal Facility and Taxiway— Elko, NV 2013 - 2014

I performed the Engineer of Record Management, Design, Calculation and Analysis and FAA Coordination & Approval, Master Planning, Airport Water Distribution Design, Engineering Plan & Profile Design, Structural Engineering, Geotechnical Engineering, Hydraulic Analysis (Domestic Pressures), Fire Flow Analysis (includes BLM Airtanker fill operations), Topographic & Planimetric Survey, 3D Laser Scanning & As-Built Model Creation Drone Aerial Flyover, Construction Management, QA/QC Inspection, Materials Laboratory Testing, Contract Compliance

BM West Community Project – Phase II, III & IV - 2015 to Current

I performed the Engineer of Record Management, Design, Calculation and Analysis of a Corridor Design, ADA Access Design, Site Layout, Site Grading and Retaining Structure Design, Hydrology Analysis, Sanitary Sewer Design, Stormwater Design, Water Distribution Design, Engineering Plan & Profile Design, Geotechnical Engineering, Hydraulic Analysis (Domestic Pressures), Fire Flow Analysis Topographic & Planimetric Survey, 3D Laser Scanning & As-Built Model Creation , Drone Aerial Flyover, Construction Management, QA Inspection, Contract Compliance

Lander County Transmission Mainline Project, Lander County, NV – 2020

I performed the Engineer of Record Management, Design, Calculation and Analysis of a Water Transmission Mainline project in Lander County History. 8.3 miles of 18" Transmission Mainline Domestic Water and Fire Facilities. FAA Coordination & Approval, Master Planning, Airport Water Distribution Design, Engineering Plan & Profile Design, Structural Engineering, Geotechnical Engineering, Hydraulic Analysis (Domestic Pressures), Fire Flow Analysis (includes BLM Airtanker fill operations), Topographic & Planimetric Survey, 3D Laser Scanning & As-Built Model Creation Drone Aerial Flyover, Construction Management, QA/QC Inspection, Materials Laboratory Testing, Contract Compliance

Process #2 Plant Retrofit, Barrick Gold U.S., Inc - 2022

I performed the Engineer of Record Management, Design, Calculation and Analysis of Atmospheric Tank Design, Pumping System Design (500 HP), 2,600 LF of transfer main, Topographic & Planimetric Survey, 3D Laser Scanning & As-Built Model Creation of entire plant, all Pipe Networks and Structural Componentry, System Design, Suspended Walkway & Support Structural Design, Construction Cost Estimation, Quality Assurance Special Inspections

Austin Realignment Project - 2023

I performed the Calculation and Analysis for a realignment of all parcel boundaries for the disincorporated town of Austin Nevada. Project included the merger and resubdivision of every parcel within the town boundaries. I created the Tentative Map, Final Map, Will Serve, Legal Descriptions and project maps.

2013 - Current Operations additionl:

I performed control point identification, Equipment setup / Leveling and station setup backsight / foresight procedures.

I performed topographic and planimetric survey tasks utilizing levels, total station equipment and theodolites.

I performed Cut/Fill & Slope Stakeout

I performed Roadway, Sidewalk, Curb and Gutter infrastructure Stakeout.

I performed ADA infrastructure Stakeout.

I performed GNSS Survey operations.

I performed Base Map creation of topographic, planimetric Survey and Record of Survey Data.

I performed GIS data download and import into AutoCAD basemaps.

I performed Survey data processing, by downloading data from Control unit into Trimble business center

I performed Data processing, coordinate transformations and import into AutoCAD.

I performed Control Point identification in AutoCAD.

I performed Surface Model creation, with break line development and 1' Contour interval output.

I performed Boundary Line creation and recreation in AutoCAD.

I performed Metes and Bounds creation with output conveying Record of Survey, Boundary Recreation and proposed subdivision parcel data.

7. Approval of
September 21, 2023,
Board Meeting Minutes

NEVADA STATE BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS
Minutes of the Regular Board Meeting
Held at 241 W Charleston Blvd Suite 130, Las Vegas, NV 89102
on Thursday, September 21, 2023, at 8:30am

Board members participating were Chairman Angelo Spata, PE; Vice Chair Brent Wright, PE/SE; Thomas Matter, Public Member; Karen Purcell, PE; Michael Kidd, PLS; Robert Fyda, PE; Greg DeSart, PE; and Jay Dixon, PE. Board Member Matthew Gingerich, PLS, was excused.

Also participating were Patty Mamola, Executive Director; Chris MacKenzie, Board Legal Counsel; Murray Blaney, Operations/Compliance; Jasmine Bailey, Licensing Specialist; Derek Vogel, Communications/Compliance; and Ed McGuire, Professional Standards .

Board guests were Gerald Gunny, PE/SE, and Rebecca Diggins, PE/SE.

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

2. A quorum was determined.

It was determined a quorum was present.

3. Pledge of Allegiance.

All stood for the pledge of allegiance.

4. Public comment.

There was no public comment in-person, virtually, or via email.

5. Introductions.

Board members and staff introduced themselves.

Mr Spata 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.

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

There were none.

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

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

23-59 A motion was made by Mr Wright, seconded by Ms Purcell to approve the applications for initial licensure contained in the board packet with recommendations noted. The motion passed unanimously. Mr Gingerich was absent for the vote.

The Board reviewed two additional applications in the supplement to the board packet for initial licensure and recommendations were made.

23-60 A motion was made by Mr Fyda, seconded by Ms Purcell to approve the applications for initial licensure contained in the supplement to the board packet with recommendations noted. The motion passed unanimously. Mr Gingerich was absent for the vote.

7. Discussion and possible action on approval of July 20, 2023, board meeting minutes.

23-61 A motion was made by Mr Kidd, seconded by Mr Fyda to approve the July 20, 2023, board meeting minutes. The motion passed unanimously. Mr Gingerich was absent for the vote.

8. Discussion and possible action on approval of August 10, 2023, interim board meeting minutes.

23-62 A motion was made by Mr Fyda, seconded by Ms Purcell to approve the August 10, 2023, board meeting minutes. The motion passed unanimously. Mr Gingerich was absent for the vote.

9. Discussion and possible action on financial statements.

a. July 2023

b. August 2023

The financial statements were not finalized in time for the meeting, will be presented at the November board meeting.

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	Buckley Blew, PLS #24520
Jason Caster, PLS #19338	Lynn Affleck, PE #7676
Lazell Preator, PE #14982	Douglas Fellenz, EI #OT8691
Robert Mercado, PLS #10352	Armando Monarrez, PE #19652
Timothy Prockish, PE #12931	Mark Johnson, PE #19830

Mr Blaney reviewed the status of licensees currently on probation.

11. Discussion and possible action on delegation of formal hearings to a hearing officer, Nevada Revised Statute 625.150 (5).

Ms Mamola said this item relates to SB 431 and discussions with those involved with Business and Industry. One of the main themes coming out of the legislation is the need for uniformity in how boards handle disciplinary actions, and the preference is for the use of hearing officers. Ms Mamola added that the contractor's board process was been suggested as a model.

Mr MacKenzie said he had a knowledge of the format the contractors board follows. He added the process for this board would be to explore what changes would be required to the Rules of Practice to facilitate a transition to using a hearing officer.

Ms Mamola said staff would work with Mr MacKenzie to gather information on the contractor's board process and draft proposed revisions to the Rules of Practice for the board to consider. (ACTION Item)

Mr Spata suggested that having a board member work with staff in the drafting process would be prudent.

Ms Purcell volunteered to be the board liaison.

12. Discussion on Board Counsel Report.

Mr MacKenzie reported that we had a proposed stipulated agreement go out and it has been rejected by the licensee so we're in the process of drafting a formal complaint. Mr MacKenzie said he had been informed by the licensee that counsel had been retained, but not yet identified. He added since it's a southern Nevada matter it would probably be heard at the January board meeting.

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

a. Approved licensees report.

Ms Mamola reviewed the approved licensee report as presented in the board packet.

b. Action items related to the 2021-2025 Strategic Plan.

Ms Mamola asked if there were any questions relating to the strategic plan. There were none.

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

i. Annual Meeting Conference Report and Action Items.

Ms Mamola said the annual meeting conference report and action items, and the resulting votes are included in the board packet for review. She asked if there were any questions. There were none.

Ms Mamola said an item of note was the approval of the PLSS module relating to the PS exam and the board would need to consider any required changes to our statutes and/or regulations closer to the time of NCEES's implementation of the new PLSS module.

14. Discussion and possible action on electronic submittals and digital signatures, Nevada Administrative Code chapter 625, NAC 625.610.

Ms Mamola said this item was added to the agenda at the request of the board following public comment at a previous board meeting. The commentor originally expressed frustration at Nevada regulations relating to electronic submittals and digital signatures, but after talking to him the underlying issue was the variance in requirements for submittals and signatures between entities. Ms Mamola added that a comment from yesterday's PAL meeting was along the same lines, about working toward a standardization of the electronic submittal and digital signature requirements among reviewing entities. She said it might be time to revisit the 1.0 version of the board's Electronic Submittal and Digital Guide to address more advanced issues that have come to light.

Ms Mamola said Mr McGuire had done some background research on electronic submittals, and we also have two guests from the City of Henderson who are well versed in the process who can speak to what works well and what not so well.

Ms Mamola asked Mr McGuire to report his findings to the board.

Mr McGuire (NVBPELS staff, Professional Standards)

I was asked to do some research, and I started with the quality of plan submittal group that came out of PAL. There were about 19 members who weighed in on that, so I emailed all of those plus a few extra. I think the good news is we didn't get a lot of response, because overall, it works. It turns out most of the comments that I got back were one entity loves it, one entity doesn't love it. And then I had a detailed conversation with a couple of entities.

Every entity has to decide how they're handling that electronic submittal in the routing, so I emailed some people directly, because I got so few responses and said, what do you think? I know you work in multiple offices and multiple places, and they said, no comment. I mean, it works. Any of the inconsistencies is part of my job to work out, so I had a number of consultants say, it's certainly not your regs that are the problem. One was pretty upset with a particular entity, so it's not anything that we could dictate how one entity does it versus another entity, but overall, it was an interesting comment. The people that work in multiple disciplines say, talk to the architects. They follow our lead, but they don't seem to care as much. I don't know if that's the right way to phrase that on the record, but in general, they weren't sweating that detail any more than they did with a rubber stamp. If it was stamped and signed, it's good enough.

The Contractors Board takes any electronic signature. There's no certificates or security required. One entity offered a suggestion that would certainly simplify everyone's life and has no security whatsoever with it. But if you wanted a suggestion, if someone was comfortable with the level of security, it's your seal, it's your signature. So, at the end of the day, they figured out their own problem, but it's interesting. It's not universal yet. I mean, it's out there, it's used by so many industries, but with some nuance.

Mr Gunny (City of Henderson, Fire and Safety Division, Structural Engineer)

As far as my experience, I do a lot of plan reviews with regards to building permits and I've seen a lot of electronic submittals, in the last few years. The City of Henderson Development Services Center requires all submittals to be electronically submitted at this time. And from my experiences, I would say 80 to 90 percent of the engineers are in compliance with the digital signature requirement from NAC 625.610.10. I would say the ones that are not are typically from out-of-state professional engineers, not familiar with our Administrative Code requirements. Also, I would say projects that have multiple engineering disciplines where they are trying to submit electronically and in one format where it's one single PDF where they have all the disciplines and format where we require a digital signature from each engineer record to be on the cover sheet presents problems as well.

Ms Diggins (City of Henderson, Fire and Safety Division, Structural Engineer)

I would say the only other issue we've had is that our internal software has sometimes removed the digital signature. It caused conflict with projects because the engineer had done their diligence by stamping but it was not processed due to the removal of the digital signature, so the owner/contractor

got involved. The City of Henderson has had some go-arounds to fix that issue. Other than that, I would agree with Gerald that 90% of the engineers are able to digitally sign with no issue.

Mr Gunny

A couple months ago we did have a problem with our internal permitting software where we would take the electronic submittals and then integrate them into our Bluebeam PDF for review for plans examiners. It was stripping the metadata and removing the engineer of record's digital signature, and that was a problem on our end. And once we discovered what was creating that, we resolved it and hasn't been an issue since then. But again, as far as recommendations would say, the board has a guide for how to properly do the digital signatures and it's available on the website for engineers as a resource. Again the biggest problems we have are submittals that have multi disciplines of engineering on them and they just can't take the time to follow the resource to be able to get each individual engineer's digital signature on the cover sheet.

Ms Purcell (Board Member)

So that situation like what are you typically seeing? Are you seeing like the last one that signed it digitally, you see that digital signature?

Mr Gunny

Typically, yes, we will see the lead project manager their digital signature on the cover sheet with the other engineering disciplines to see the electronic seal on it on the other respective plans.

Ms Purcell

Do you see where they attempted to digitally sign or not?

Mr Gunny

No.

Ms Purcell

So typically, just the the lead.

Mr Gunny

Exactly, yes.

Ms Purcell

Like the leads that will sign in and then the other disciplines are not digitally signed?

Mr Gunny

Exactly, yes. and then we would have a comment to provide the digital signatures of those other engineers and we recommend that they submit each discipline as a separate PDF, so that the engineer of record provides their digital signature to the cover sheet again. There is a way if they wanted to have a single PDF they could do it if they follow the recommendations and the guidelines, but what we're

finding is a lot of engineers are not necessarily taking the time to do that.

Ms Purcell

So, are you seeing some submittals that are multi-disciplined correct, like the way you have the cover sheet signed by all the disciplines?

Mr Gunny

No, I haven't seen any.

Ms Diggins

Our public works engineer was stating that the surveyors and the engineers usually have issues because one will have to digitally sign and send to the other but then that becomes an issue for them and so they have a screening before any documents come into the City of Henderson.

Ms Purcell

Okay thank you. So, the combining of disciplines sounds like it's an issue.

Mr Gunny

It's problematic. Yes definitely, there's a way to resolve it, but we're just not seeing it.

Ms Purcell

Sounds like they're not understanding how to use a portfolio function. On the line is Joey Ganser. Joey and I work in the same office, and we are electrical engineers, so we sign multi-disciplined drawings all the time. We sign our discipline and the mechanical signs for a building/structure, like the whole plan set. Joey has a little bit more experience as far as combining so I asked Joey if he would like to comment.

Mr Ganser (PK Electrical, Electrical Engineer)

My name is Joey Ganser I'm with PK electrical. Like Karen mentioned, we are usually the last ones to stamp and sign a set. When I receive a multidisciplinary set of drawings, and as the gentleman from Henderson was stating, the issue is not just following the procedure. What we do when we are part of a multidisciplinary package is the prime consultant will package everybody's drawings and have them include an image of everyone's stamp and signature, so there's no digital signature applied at that point, so that package is compiled and then the architect or the prime consultant will apply a blank stamp location on the cover sheet for each discipline. So once all of those signature boxes are applied to the cover sheets, then the set is sent around, and everybody simply applies their digital signature to their box, and there are no modifications made to the document after that point other than the existing signature boxes where the digital signatures are applied. So, it does not invalidate previous signatures. There are no markups or comments being added in between, and what you're left with is a complete multidisciplinary set with multiple digital signatures that remain valid.

Mr Kidd (Board Member)

Question for the folks that are using this and sounds like there is the ability for it to work. Are the guidelines from the board sufficient? Is there anywhere that could be improved or is it more messaging and getting people to understand how to use it?

Mr Gunny

I would say so. I would think it would be a great recommendation to remind all licensed engineers about the digital signature requirements, just to refresh the requirements and all new licensees to follow, to read and review the guidelines for their development.

Mr Ganser

I can interject, I know Ms Mamola had mentioned the task force that was put together that I was actually a part of as well. It probably isn't a terrible idea to revisit the existing guidelines that are now a year old. I think we've maybe learned a few things and we could enhance that guideline as a task force.

Mr Spata (Board Member)

I think that would be good, but it also sounds like at some level the agencies might have to have their own little white paper that supplements what they'll allow and not allow as well, in some cases.

Ms Mamola (NVBPELS staff, Executive Director)

Well, that was the reason we did the guide to hopefully have the agencies be consistent in how they applied their processes so that professionals wouldn't have to do something different for every agency. I think the guide doesn't talk specifically in a lot of detail about how to combine those documents. I don't remember doing it, and that's what we need to add—be more explicit about our instructions related to that. And now that we know more, we can do that, but I think reconstituting the committee would be helpful to do that. And then I think we can also re-engage the public agencies that have been doing it a while now and ask if they can consider getting on the same page of how implement electronic submittals.

Mr DeSart (Board Member)

I had a comment really quick. In these presentations that I've been making over the last couple years to different professional organizations I've had several people come back to me with feedback that they specifically would like the board to engage with the public about these things and provide interpretation and the opportunity to ask questions. And these are my words not theirs, but I guess kind of be spoon-fed information. And I would also be in support of—through public outreach—setting up some workshops, so both licensees and entities can get in the room and somebody from the board—somebody like Karen or maybe even Joey from PK—could get up there and say this is how we do it and this is how we make it work. I think reading a document is very useful and it's great to have as a reference guide but having somebody get up there and walk you through it through an example, I think would be insightful for a lot of these people that are still struggling.

Ms Diggins

The City of Henderson has been strictly enforcing the digital signature. We have heard other jurisdictions are not as strictly enforcing. We would like the board's opinion on as a jurisdiction does it fall in the jurisdiction to enforce that digital signature? Okay so it's the jurisdiction's responsibility to make sure all documents coming into the city are digitally signed or does it fall in the engineer who did not digitally sign?

Ms Mamola

Both. We've had to pick up the phone, and we're happy to call entities, if we become aware of entities violating the regulation. We're happy to call the agency and let them know they're violating the regulation and even if you're a non-engineer there's something in our statute where we could take action against a public official that knowingly/intentionally violates our statute. However we are not to that point, the bottom line is if they're accepting electronic submittals, they need to require a digital signature.

Mr Spata thanked those that participated in the discussion and asked Ms Mamola to outline how she sees the next steps that need to be taken to address the issues brought forward.

Ms Mamola said it would good to re-convene the task force that drafted the electronic submittal and digital signature guide to look at the issues highlighted in today's discussion – digitally signing a multiple discipline submittal and the entity intake requirements for electronic submittals. (ACTION Item)

Ms Purcell volunteered to be the board representative on the task force.

Ms Mamola added, relating to Mr DeSart's comment, the staff will work on developing some form of introductory in-person workshops/lunch and learns for licensees, giving hands guidance on preparing and digitally signing an electronic submittal. (ACTION Item) And as part of that larger process, engage with other stakeholder organizations that may have an interest. (ACTION Item)

15. Discussion and possible action on board committee reports.

a. Administrative Procedures Oversight Committee, Chair Brent Wright.

Mr Wright said the committee had not met since the last board meeting. He said the next meeting was scheduled for October 3rd at 3pm.

b. Legislative Committee report, Chair Greg DeSart.

i. Consider proposed updated regulations from the PLS Regulation Subcommittee, see list of regulations, Attachment A (green fill).

Mr DeSart said the committee met on September 13th and reviewed the regulations listed and are recommending approval by the board. He added that the regulations had come from a special sub-committee who had previously reviewed, proposed the amendments, and voted on their approval.

Regulations from the PLS Regulation Subcommittee

NAC 625.655 *Applicability of statutes and regulations.*

NAC 625.666 *Positional certainty: Horizontal and vertical components of certain land surveys.*

NAC 625.670 *Required research, identifications, measurements and computations.*

NAC 625.680 *Disagreements concerning measurements or positions of monumented corners.*

NAC 625.700 *Report to client of discrepancies concerning boundary lines.*

NAC 625.710 *Identification and description of monuments.*

NAC 625.720 *Drawing of survey; certification.*

NAC 625.740 *Classifications of surveys; use of classifications and requirements for positional certainty.*

NAC 625.760 *Contract drawings and specifications; special instructions.*

NAC 625.770 *Verification of location of certain points; notification of insufficient dimensions or details.*

NAC 625.775 *Positional certainties for marking locations of proposed fixed works.*

NAC 625.780 *Sketches, cut sheets and field notes.*

NAC 625.785 *Verification surveys: Exchange of information.*

NAC 625.790 *Preparation of legal description of property.*

23-63 A motion was made by Mr DeSart, seconded by Mr Fyda to approve the regulation changes as presented. The motion passed unanimously. Mr Gingerich was absent for the vote.

ii. Consider proposed updated regulations identified by board members and staff to comply with Governor Lombardo's Executive Orders 2023-003 and 2023-004, see list of regulations, Attachment A (blue fill).

iii. Consider proposed updated regulations identified by board members and staff, see list of regulations, Attachment A (yellow fill).

Mr DeSart said item ii related to regulations already reviewed by the board as part of the process required by the governor's executive orders issued earlier in the year. He said the regulations had been through public workshop and hearing process and had been adjusted based on feedback. He highlighted that item iii contained NAC 625.240, which was part of the executive order batch, but had additional edits made based on public comment from the April 20, 2023, hearing. Mr DeSart added the proposed change to NAC 625.545 come from the legislative committee and the regulation was unrelated to the executive orders.

Regulations from Executive Orders 2023-003 & 2023-004

NAC 625.210 *Application for licensure or certification; fees.*

NAC 625.230 *Applications for licensure in multiple categories or disciplines.*

NAC 625.240 *Licensure on basis of previous licensure in another jurisdiction; examinations; evaluation of applications; issuance of license.*

NAC 625.310 *Examinations: Generally.*

NAC 625.330 *Examinations: Notice and duty to appear.*

NAC 625.460 *Inactive status: Requirements for renewal of identification card.*

NAC 625.620 *Fictitious names.*

NAC 625.625 *Notice of change in licensee's employer, category or discipline.*

NAC 625.635 *Representation of parties; qualifications of attorneys.*

NAC 625.660 *Responsibility for compliance with standards of practice.*

NAC 625.668 *Positional certainty: Horizontal and vertical positions of monuments.*

NAC 625.690 *Location of corners, boundaries and monuments.*

NAC 625.765 *Establishment of final location of points.*

NAC 625.795 *Duties regarding geographic information systems.*

Regulations from the Legislative Committee

NAC 625.545 *Written contract required for each client.*

Mr DeSart said the regulations listed in 15.b.ii and 15.b.iii could be combined in to a single motion.

23-64 A motion was made by Mr DeSart, seconded by Mr Kidd to approve the regulation changes in 15.b.ii and 15.b.iii as presented. The motion passed unanimously. Mr Gingerich was absent for the vote.

iv. Consider education matrix for licensing of professional land surveyors per Nevada Revised Statutes chapter 625, NRS 625.270.

Mr DeSart said the last item that the committee considered is the staff prepared education matrix for licensing of professional land surveyors to give clearer direction and guidance about how to deal with a variety of different combinations of education and experience. He said there was good discussion, and the committee did request edits to the draft document. Mr DeSart said committee recommends approval of the matrix as presented.

Ms Mamola added that the document was in response to the board asking for this as the statute states a four-year land surveying degree acceptable to the board, and we've been flexible on what that looks like, and the board wanted written guidance, which provides transparency. We can put it on our website so there's no question about what the board is looking for when land surveyors are seeking licensure.

23-65 A motion was made by Mr DeSart, seconded by Mr Kidd to approve the education matrix for licensing of professional land surveyors as presented. The motion passed unanimously. Mr Gingerich was absent for the vote.

c. Professional Association Liaison Committee, Chair Matt Gingerich.

Mr Spata said that a PAL committee meeting was held yesterday (Sept 20) and was less well attended than normal because of a conflict with the APWA conference. He added that nothing of note related to the board was discussed.

d. Public Outreach Committee, Chair Karen Purcell.

Ms Purcell reported that the committee had met on September 12 to review social media metrics and analytics. She said the board's platforms have continued to see consistent growth over the last period. Ms Purcell said the committee discussed ramping up board member participation in presenting to industry groups, universities, and adding in some high school level presentations. She added staff would be available build presentation decks.

Mr DeSart said he had positive feedback from his presentation at the APWA conference and encouraged other board members to make themselves available to interested groups and build on the momentum created by in-person meetings post pandemic.

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

Mr Spata reported that most the items relevant to the committee were covered by Mr DeSart's Legislative Committee report.

16. Discussion and possible action on draft schedule for regulatory changes—regulations to comply with Governor Lombardo's Executive Orders 2023-003 and 2023-004, regulation changes related to PLS Standards of Practice Subcommittee and any other proposed regulation changes, see list of regulations, Attachment A.

Ms Mamola reviewed the schedule for moving forward with proposed regulatory changes approved earlier in the meeting. She reported the batch of regulations associated with the governor's executive orders were being packaged for review and drafting by the LCB legal division. Ms Mamola added that we hope to see draft language back by early December. Ms Mamola said the PLS regulations + NAC 625.545 would now move to the Small Business Impact review, with a survey being sent to licensees and a follow-up impact report drafted. She said a public workshop would then be held in early December to get additional input.

17. Discussion and possible action on board committee assignments for fiscal year 2023-2024.

Mr Spata reviewed the revised committee assignments related to Ms Russell leaving the board and Mr Dixon's appointment to the board.

18. Discuss legislative matters with board's government liaison, Susan Fisher.

No report - Ms Fisher was unable to attend the meeting.

19. Consider any bill draft requests proposed by the Legislature to amend Nevada Revised Statutes related to regulatory boards and/or changes to Nevada Revised Statutes chapter 625, 329, and 327.

Ms Mamola said there was nothing pending to report and there were no items put forward by the board.

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

Ms Mamola reviewed the status of board and staff assignments.

A discussion ensued about NDEP and the implementation of an electronic submittal process. It was agreed that Ms Mamola will reconnect with NDEP leadership to explore any areas of support the board could offer in helping them make the transition from paper submittals to electronic submittals.

(ACTION Item)

21. Discussion and possible action on meeting dates.

Mr Spata reviewed the upcoming schedule of meetings. There were no questions.

22. 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.

There were no topics put forward.

23. Public comment.

There was no public comment in-person, virtually, or via email.

24. Adjournment.

Mr Spata thanked the board members for their participation and adjourned the meeting at 10:20 am.

Respectfully,

Patty Mamola
Executive Director

DRAFT

Addendum A - September Initials

LNAME	FNAME	ABREV	COMMENTS
Balajadia	Gavin	CE	Board approved; 9/21/23
Barragan	Joseph	CE	Board approved; 9/21/23
Durham	Katie	CE	Board approved; 9/21/23
Esguerra	Edward John	CE	Board approved; 9/21/23
Felix Ferreira	Daniel	CE	Board approved; 9/21/23
Gombert	Carolyn	CE	Board approved; 9/21/23
Hayes	Benjamin	CE	Board approved; 9/21/23
Javidialesaadi	Abdollah	CE	Board approved; 9/21/23

LNAME	FNAME	ABREV	COMMENTS
Nasiri	Fazan	CE	Board approved; 9/21/23
Schmaling	Tyler	CE	Board approved; 9/21/23
Stawska	Sylwia	CE	Board approved; 9/21/23
Tsikaradze	George	CE	Board approved; 9/21/23
Walters	Michael	CE	Board approved; 9/21/23
Runion	Grant	CSE	Board approved; 9/21/23
Kracaw	Emma	EE	Board approved; 9/21/23
Lackey	Austin	EE	Board approved; 9/21/23
Willard-Schmoe	Ella	EE	Board approved; 9/21/23

LNAME	FNAME	ABREV	COMMENTS
Ellis	Daniel	SE	Board approved; 9/21/23
Hollinger	Stephan	SE	Board approved; 9/21/23

8. Approval of
October 12, 2023,
Interim Board Meeting
Minutes

NEVADA STATE BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS
Minutes of the Interim Board Meeting
Held virtually, Thursday, October 12, 2023, at 9:15AM

Board members participating were Chairman Angelo Spata, PE; Thomas Matter, Public Member; Michael Kidd, PLS; Robert Fyda, PE; Matthew Gingerich, PLS; Greg DeSart, PE; and Jay Dixon, PE. Board members Brent Wright, PE/SE; and Karen Purcell, PE, were excused. Also participating were Patty Mamola, Executive Director; Chris MacKenzie, Board Legal Counsel; and Jasmine Bailey, Licensing Specialist.

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

A quorum was determined.

2. Pledge of Allegiance.

3. Public Comment.

There was no public comment virtually or via email.

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

There were none to be considered.

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

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

23-66 A motion was made by Mr Matter, seconded by Mr DeSart to approve the applications for initial licensure contained in the board packet with recommendations noted. The motion passed unanimously. Mr Wright and Ms Purcell were absent for the vote.

6. Public comment.

There was no public comment virtually or via email.

7. Adjournment.

Mr Spata thanked the meeting attendees and adjourned the meeting at 9:25am.

Respectfully,

Patty Mamola
Executive Director

DRAFT

Addendum A - October Initials

LNAME	FNAME	ABREV	COMMENTS
Bhuiyan	Samia	CE	Board approved; 10/12/23
Caudana	Nicole	CE	Board approved; 10/12/23
Galo	Sarah	CE	Board approved; 10/12/23
Kulkarni	Abhijiit	CE	Board approved; 10/12/23
McNair	Brian	CE	Board approved; 10/12/23
Moghadam	Amin	CE	Board approved; 10/12/23

LNAME	FNAME	ABREV	COMMENTS
Roberts	Charles	CE	Board approved; 10/12/23
Solis	Carlos	CE	Board approved; 10/12/23
Su	Mike	CE	Board approved; 10/12/23
Torrecampo	Jefferson	CE	Board approved; 10/12/23
Wacaser	Neil	CE	Board approved; 10/12/23
Venter	Laura	EE	Board approved; 10/12/23
Chen	Michelle	SE	Board approved; 10/12/23

9. Financial Statements

9.a. July 2023

Nevada State Board of Professional Engineers and Land Surveyors

Profit & Loss Budget - YTD Budget

July 2023

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	% OF BUDGET
Income				
4000 REVENUE	39,885.39	53,200.00	-13,314.61	74.97 %
Total Income	\$39,885.39	\$53,200.00	\$ -13,314.61	74.97 %
GROSS PROFIT	\$39,885.39	\$53,200.00	\$ -13,314.61	74.97 %
Expenses				
5100 PAYROLL EXPENSES	38,546.54	62,725.00	-24,178.46	61.45 %
5110 PAYROLL TAXES	2,578.75	5,112.49	-2,533.74	50.44 %
6001 OPERATING EXPENSES	33,256.51	54,295.01	-21,038.50	61.25 %
Total Expenses	\$74,381.80	\$122,132.50	\$ -47,750.70	60.90 %
NET OPERATING INCOME	\$ -34,496.41	\$ -68,932.50	\$34,436.09	50.04 %
NET INCOME	\$ -34,496.41	\$ -68,932.50	\$34,436.09	50.04 %

Nevada State Board of Professional Engineers and Land Surveyors

Profit and Loss YTD Comparison

July 2023

	TOTAL	
	JUL 2023	JUL 2023 (YTD)
Income		
4000 REVENUE		
4201 Application Fees		
4202 PE Comity Application	9,750.00	9,750.00
4203 PLS Comity Application	125.00	125.00
4204 PE Initial License Application	150.00	150.00
4206 PE Reinstatement Application	800.00	800.00
Total 4201 Application Fees	10,825.00	10,825.00
4250 Renewals & Exam Fees		
4251 PE/PLS Renewals	8,050.00	8,050.00
4252 Renewal Late Fees	3,100.00	3,100.00
4253 PE License Fees	6,200.00	6,200.00
Total 4250 Renewals & Exam Fees	17,350.00	17,350.00
4300 Other Revenue		
4301 Replacement Certificate/Pocket	40.00	40.00
4303 Interest Income	7,070.39	7,070.39
4307 Firm Registration	4,600.00	4,600.00
Total 4300 Other Revenue	11,710.39	11,710.39
Total 4000 REVENUE	39,885.39	39,885.39
Total Income	\$39,885.39	\$39,885.39
GROSS PROFIT	\$39,885.39	\$39,885.39
Expenses		
5100 PAYROLL EXPENSES		
5102 Employee Health Insurance	5,488.48	5,488.48
5105 Payroll Service Fees	181.87	181.87
5107 Salaries	32,576.19	32,576.19
5108 Board Salaries	300.00	300.00
Total 5100 PAYROLL EXPENSES	38,546.54	38,546.54
5110 PAYROLL TAXES		
5111 FICA	2,019.72	2,019.72
5113 Medicare	472.34	472.34
5116 SUINV	13.56	13.56
5117 SUI	73.13	73.13
Total 5110 PAYROLL TAXES	2,578.75	2,578.75
6001 OPERATING EXPENSES		
6006 Office Supplies	510.13	510.13

Nevada State Board of Professional Engineers and Land Surveyors

Profit and Loss YTD Comparison

July 2023

	TOTAL	
	JUL 2023	JUL 2023 (YTD)
6007 Equipment/Furniture		
6010 Equipment Purchases	3,039.04	3,039.04
6011 Equipment Leasing	260.00	260.00
6012 Software		
6012.5 Software	262.77	262.77
Total 6012 Software	262.77	262.77
6015 Website Hosting	1,575.00	1,575.00
Total 6007 Equipment/Furniture	5,136.81	5,136.81
6101 Insurance		
6102 Workers Comp	100.00	100.00
Total 6101 Insurance	100.00	100.00
6201 Postage		
6202 Postage	794.80	794.80
Total 6201 Postage	794.80	794.80
6301 Board Meetings		
6303 Travel - In State	3,358.79	3,358.79
Total 6301 Board Meetings	3,358.79	3,358.79
6501 Professional Services		
6509 Governemnt Liaison Services		
6509.1 Def Exp-Government Liaison	2,000.00	2,000.00
Total 6509 Governemnt Liaison Services	2,000.00	2,000.00
6510 Database/Website Design		
6510.2 Deferred Exp-Database Update	5,680.00	5,680.00
Total 6510 Database/Website Design	5,680.00	5,680.00
6511 Public Outreach	500.00	500.00
6514 Contract Labor	100.00	100.00
6514.1 Def Exp-Contract Labor	635.06	635.06
Total 6514 Contract Labor	735.06	735.06
6515 IT Support	1,393.40	1,393.40
Total 6501 Professional Services	10,308.46	10,308.46
6601 Program Services		
6604 NCEES		
6606 Registration	650.00	650.00
Total 6604 NCEES	650.00	650.00
6615 Bank Fees	417.64	417.64
6616 Merchant Services Fees	57.00	57.00
6630 LAS Office Support	946.48	946.48
Total 6601 Program Services	2,071.12	2,071.12

Nevada State Board of Professional Engineers and Land Surveyors

Profit and Loss YTD Comparison

July 2023

	TOTAL	
	JUL 2023	JUL 2023 (YTD)
6801 Training & Conferences		
6802 Travel - Out of State	1,144.46	1,144.46
6804 Registration	2,419.00	2,419.00
Total 6801 Training & Conferences	3,563.46	3,563.46
Non State Owned Office Bldg.		
6002 Rent		
6002.1 Sub-Lease	-750.00	-750.00
6002.2 Rent	7,462.64	7,462.64
Total 6002 Rent	6,712.64	6,712.64
6005 Telephone/Internet	700.30	700.30
Total Non State Owned Office Bldg.	7,412.94	7,412.94
Total 6001 OPERATING EXPENSES	33,256.51	33,256.51
Total Expenses	\$74,381.80	\$74,381.80
NET OPERATING INCOME	\$ -34,496.41	\$ -34,496.41
NET INCOME	\$ -34,496.41	\$ -34,496.41

Nevada Board of Professional Engineers Land Surveyors

Balance Sheet Detail

As of July 31, 2023

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
1001 ASSETS	0.00
1051 First Indep. Bank - Operating	118,732.15
1052 First Indep. Bank - Payroll	95,756.71
1053 First Indep. Bank - Petty Cash	2,527.94
1054 First Indep. Bank - MMA	762,145.54
1055 First Indep. Bank - 24mo CD	544,975.67
1056 First Indep. Bank - 18mo CD	271,721.46
1057 First Indep. Bank - 12mo CD	266,684.75
1058 First Indep. Bank - 24mo FlexCD	529,635.11
Total 1001 ASSETS	2,592,179.33
Total Bank Accounts	\$2,592,179.33
Other Current Assets	
1305 Prepaid Expense	17,281.54
1310 Prepaid Lease/Deposit	5,005.00
Total Other Current Assets	\$22,286.54
Total Current Assets	\$2,614,465.87
TOTAL ASSETS	\$2,614,465.87
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 Accounts Payable	26,893.01
Total Accounts Payable	\$26,893.01
Other Current Liabilities	
2001 Payroll Liabilities	0.00
2002 Accrued Benefits	34,177.25
Total 2001 Payroll Liabilities	34,177.25
4100 Deferred Revenue	805,573.69
Total Other Current Liabilities	\$839,750.94
Total Current Liabilities	\$866,643.95
Total Liabilities	\$866,643.95
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	1,402,318.33
Net Income	-34,496.41
Total Equity	\$1,747,821.92
TOTAL LIABILITIES AND EQUITY	\$2,614,465.87

Nevada Board of Professional Engineers Land Surveyors

Balance Sheet Detail

As of July 31, 2023

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
1001 ASSETS	0.00
1051 First Indep. Bank - Operating	118,732.15
1052 First Indep. Bank - Payroll	95,756.71
1053 First Indep. Bank - Petty Cash	2,527.94
1054 First Indep. Bank - MMA	762,145.54
1055 First Indep. Bank - 24mo CD	544,975.67
1056 First Indep. Bank - 18mo CD	271,721.46
1057 First Indep. Bank - 12mo CD	266,684.75
1058 First Indep. Bank - 24mo FlexCD	529,635.11
Total 1001 ASSETS	2,592,179.33
Total Bank Accounts	\$2,592,179.33
Other Current Assets	
1305 Prepaid Expense	17,281.54
1310 Prepaid Lease/Deposit	5,005.00
Total Other Current Assets	\$22,286.54
Total Current Assets	\$2,614,465.87
TOTAL ASSETS	\$2,614,465.87
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 Accounts Payable	26,893.01
Total Accounts Payable	\$26,893.01
Other Current Liabilities	
2001 Payroll Liabilities	0.00
2002 Accrued Benefits	34,177.25
Total 2001 Payroll Liabilities	34,177.25
4100 Deferred Revenue	805,573.69
Total Other Current Liabilities	\$839,750.94
Total Current Liabilities	\$866,643.95
Total Liabilities	\$866,643.95
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	1,402,318.33
Net Income	-34,496.41
Total Equity	\$1,747,821.92
TOTAL LIABILITIES AND EQUITY	\$2,614,465.87

9.b. August 2023

Nevada State Board of Professional Engineers and Land Surveyors

Profit & Loss Budget - YTD Budget

July - August, 2023

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	% OF BUDGET
Income				
4000 REVENUE	79,488.49	81,500.00	-2,011.51	97.53 %
Total Income	\$79,488.49	\$81,500.00	\$ -2,011.51	97.53 %
GROSS PROFIT	\$79,488.49	\$81,500.00	\$ -2,011.51	97.53 %
Expenses				
5100 PAYROLL EXPENSES	84,770.24	117,950.00	-33,179.76	71.87 %
5110 PAYROLL TAXES	5,805.74	10,224.98	-4,419.24	56.78 %
6001 OPERATING EXPENSES	74,498.48	101,648.35	-27,149.87	73.29 %
Total Expenses	\$165,074.46	\$229,823.33	\$ -64,748.87	71.83 %
NET OPERATING INCOME	\$ -85,585.97	\$ -148,323.33	\$62,737.36	57.70 %
NET INCOME	\$ -85,585.97	\$ -148,323.33	\$62,737.36	57.70 %

Nevada State Board of Professional Engineers and Land Surveyors

Profit and Loss YTD Comparison

August 2023

	TOTAL	
	AUG 2023	JUL - AUG, 2023 (YTD)
Income		
4000 REVENUE		
4201 Application Fees		
4202 PE Comity Application	12,125.00	21,875.00
4203 PLS Comity Application	625.00	750.00
4204 PE Initial License Application	475.00	625.00
4206 PE Reinstatement Application	1,600.00	2,400.00
4207 PLS Reinstatement Application	200.00	200.00
4208 EI Certification Application	1,050.00	1,050.00
Total 4201 Application Fees	16,075.00	26,900.00
4250 Renewals & Exam Fees		
4251 PE/PLS Renewals	1,600.00	9,650.00
4252 Renewal Late Fees	1,600.00	4,700.00
4253 PE License Fees	7,100.00	13,300.00
Total 4250 Renewals & Exam Fees	10,300.00	27,650.00
4300 Other Revenue		
4301 Replacement Certificate/Pocket		40.00
4303 Interest Income	7,278.10	14,348.49
4304 Discipline Pd to NV Gen Fund	500.00	500.00
4307 Firm Registration	5,450.00	10,050.00
Total 4300 Other Revenue	13,228.10	24,938.49
Total 4000 REVENUE	39,603.10	79,488.49
Total Income	\$39,603.10	\$79,488.49
GROSS PROFIT	\$39,603.10	\$79,488.49
Expenses		
5100 PAYROLL EXPENSES		
5102 Employee Health Insurance	4,765.57	10,254.05
5105 Payroll Service Fees	165.62	347.49
5107 Salaries	40,392.51	72,968.70
5108 Board Salaries	900.00	1,200.00
Total 5100 PAYROLL EXPENSES	46,223.70	84,770.24
5110 PAYROLL TAXES		
5111 FICA	2,504.35	4,524.07
5113 Medicare	585.70	1,058.04
5116 SUINV		13.56
5117 SUI	136.94	210.07
Total 5110 PAYROLL TAXES	3,226.99	5,805.74

Nevada State Board of Professional Engineers and Land Surveyors

Profit and Loss YTD Comparison

August 2023

	TOTAL	
	AUG 2023	JUL - AUG, 2023 (YTD)
6001 OPERATING EXPENSES		
6006 Office Supplies	757.52	1,267.65
6007 Equipment/Furniture		
6010 Equipment Purchases		3,039.04
6011 Equipment Leasing	275.60	535.60
6012 Software		
6012.5 Software	322.77	585.54
Total 6012 Software	322.77	585.54
6015 Website Hosting	1,575.00	3,150.00
Total 6007 Equipment/Furniture	2,173.37	7,310.18
6101 Insurance		
6102 Workers Comp		100.00
Total 6101 Insurance		100.00
6201 Postage		
6202 Postage	883.49	1,678.29
Total 6201 Postage	883.49	1,678.29
6301 Board Meetings		
6302 Travel - Out of State	124.00	124.00
6303 Travel - In State	3,446.78	6,805.57
Total 6301 Board Meetings	3,570.78	6,929.57
6501 Professional Services		
6502 Legal		
6503 Board Meetings	3,965.00	3,965.00
6504 Regulations/Legislation		
6504.5 Regulations/Legislation	97.50	97.50
Total 6504 Regulations/Legislation	97.50	97.50
6505 Discipline	942.50	942.50
Total 6502 Legal	5,005.00	5,005.00
6508 Accounting Fees	1,317.50	1,317.50
6509 Governemnt Liaison Services		
6509.1 Def Exp-Government Liaison	2,000.00	4,000.00
Total 6509 Governemnt Liaison Services	2,000.00	4,000.00
6510 Database/Website Design		
6510.1 Deferred Exp-Website Update	125.00	125.00
6510.2 Deferred Exp-Database Update	6,160.00	11,840.00
Total 6510 Database/Website Design	6,285.00	11,965.00
6511 Public Outreach	600.00	1,100.00
6514 Contract Labor		100.00
6514.1 Def Exp-Contract Labor	584.48	1,219.54

Nevada State Board of Professional Engineers and Land Surveyors

Profit and Loss YTD Comparison

August 2023

	TOTAL	
	AUG 2023	JUL - AUG, 2023 (YTD)
Total 6514 Contract Labor	584.48	1,319.54
6515 IT Support	1,393.40	2,786.80
Total 6501 Professional Services	17,185.38	27,493.84
6601 Program Services		
6604 NCEES		
6606 Registration		650.00
6607 Travel	8,846.20	8,846.20
Total 6604 NCEES	8,846.20	9,496.20
6615 Bank Fees	15.15	432.79
6616 Merchant Services Fees	2,615.81	2,672.81
6630 LAS Office Support	457.44	1,403.92
Total 6601 Program Services	11,934.60	14,005.72
6700 Other		
6702 Discipline Pd to NV Gen Fund	-3,950.00	-3,950.00
Total 6700 Other	-3,950.00	-3,950.00
6801 Training & Conferences		
6802 Travel - Out of State		1,144.46
6804 Registration		2,419.00
Total 6801 Training & Conferences		3,563.46
6900 Other Expenses		
6901 Taxes and Licenses	315.52	315.52
Total 6900 Other Expenses	315.52	315.52
Non State Owned Office Bldg.		
6002 Rent		
6002.1 Sub-Lease		-750.00
6002.2 Rent	7,462.64	14,925.28
Total 6002 Rent	7,462.64	14,175.28
6004 Utilities	203.90	203.90
6005 Telephone/Internet	704.77	1,405.07
Total Non State Owned Office Bldg.	8,371.31	15,784.25
Total 6001 OPERATING EXPENSES	41,241.97	74,498.48
Total Expenses	\$90,692.66	\$165,074.46
NET OPERATING INCOME	\$ -51,089.56	\$ -85,585.97
NET INCOME	\$ -51,089.56	\$ -85,585.97

Nevada Board of Professional Engineers Land Surveyors

Balance Sheet

As of August 31, 2023

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
1001 ASSETS	2,534,068.82
Total Bank Accounts	\$2,534,068.82
Other Current Assets	
1305 Prepaid Expense	17,112.88
1310 Prepaid Lease/Deposit	5,005.00
Total Other Current Assets	\$22,117.88
Total Current Assets	\$2,556,186.70
TOTAL ASSETS	\$2,556,186.70
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 Accounts Payable	10,346.24
Total Accounts Payable	\$10,346.24
Credit Cards	
2025 Western Alliance Bank CC	9,357.16
Total Credit Cards	\$9,357.16
Other Current Liabilities	
2001 Payroll Liabilities	34,177.25
4100 Deferred Revenue	805,573.69
Total Other Current Liabilities	\$839,750.94
Total Current Liabilities	\$859,454.34
Total Liabilities	\$859,454.34
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	1,402,318.33
Net Income	-85,585.97
Total Equity	\$1,696,732.36
TOTAL LIABILITIES AND EQUITY	\$2,556,186.70

Nevada Board of Professional Engineers Land Surveyors

Balance Sheet Detail

As of August 31, 2023

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
1001 ASSETS	0.00
1051 First Indep. Bank - Operating	96,263.28
1052 First Indep. Bank - Payroll	52,836.97
1053 First Indep. Bank - Petty Cash	2,527.94
1054 First Indep. Bank - MMA	763,440.14
1055 First Indep. Bank - 24mo CD	547,239.03
1056 First Indep. Bank - 18mo CD	272,849.96
1057 First Indep. Bank - 12mo CD	267,076.74
1058 First Indep. Bank - 24mo FlexCD	531,834.76
Total 1001 ASSETS	2,534,068.82
Total Bank Accounts	\$2,534,068.82
Other Current Assets	
1305 Prepaid Expense	17,112.88
1310 Prepaid Lease/Deposit	5,005.00
Total Other Current Assets	\$22,117.88
Total Current Assets	\$2,556,186.70
TOTAL ASSETS	\$2,556,186.70
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 Accounts Payable	10,346.24
Total Accounts Payable	\$10,346.24
Credit Cards	
2025 Western Alliance Bank CC	9,357.16
Total Credit Cards	\$9,357.16
Other Current Liabilities	
2001 Payroll Liabilities	0.00
2002 Accrued Benefits	34,177.25
Total 2001 Payroll Liabilities	34,177.25
4100 Deferred Revenue	805,573.69
Total Other Current Liabilities	\$839,750.94
Total Current Liabilities	\$859,454.34
Total Liabilities	\$859,454.34

Nevada Board of Professional Engineers Land Surveyors

Balance Sheet Detail

As of August 31, 2023

	TOTAL
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	1,402,318.33
Net Income	-85,585.97
Total Equity	\$1,696,732.36
TOTAL LIABILITIES AND EQUITY	\$2,556,186.70

9.c. September 2023

Nevada State Board of Professional Engineers and Land Surveyors

Profit & Loss Budget - YTD Budget

July - September, 2023

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	% OF BUDGET
Income				
4000 REVENUE	154,545.86	109,550.00	44,995.86	141.07 %
Total Income	\$154,545.86	\$109,550.00	\$44,995.86	141.07 %
GROSS PROFIT	\$154,545.86	\$109,550.00	\$44,995.86	141.07 %
Expenses				
5100 PAYROLL EXPENSES	128,802.89	173,175.00	-44,372.11	74.38 %
5110 PAYROLL TAXES	8,836.51	15,337.47	-6,500.96	57.61 %
6001 OPERATING EXPENSES	102,428.75	151,068.36	-48,639.61	67.80 %
Total Expenses	\$240,068.15	\$339,580.83	\$ -99,512.68	70.70 %
NET OPERATING INCOME	\$ -85,522.29	\$ -230,030.83	\$144,508.54	37.18 %
NET INCOME	\$ -85,522.29	\$ -230,030.83	\$144,508.54	37.18 %

Nevada State Board of Professional Engineers and Land Surveyors

Profit and Loss YTD Comparison

September 2023

	TOTAL	
	SEP 2023	JUL - SEP, 2023 (YTD)
Income		
4000 REVENUE		
4201 Application Fees		
4202 PE Comity Application	9,625.00	31,500.00
4203 PLS Comity Application	125.00	875.00
4204 PE Initial License Application	750.00	1,375.00
4206 PE Reinstatement Application	2,000.00	4,400.00
4207 PLS Reinstatement Application		200.00
4208 EI Certification Application	1,150.00	2,200.00
Total 4201 Application Fees	13,650.00	40,550.00
4250 Renewals & Exam Fees		
4251 PE/PLS Renewals	36,600.00	46,250.00
4252 Renewal Late Fees	1,200.00	5,900.00
4253 PE License Fees	6,300.00	19,600.00
Total 4250 Renewals & Exam Fees	44,100.00	71,750.00
4300 Other Revenue		
4301 Replacement Certificate/Pocket	40.00	80.00
4303 Interest Income	7,567.37	21,915.86
4304 Discipline Pd to NV Gen Fund		500.00
4307 Firm Registration	9,700.00	19,750.00
Total 4300 Other Revenue	17,307.37	42,245.86
Total 4000 REVENUE	75,057.37	154,545.86
Total Income	\$75,057.37	\$154,545.86
GROSS PROFIT	\$75,057.37	\$154,545.86
Expenses		
5100 PAYROLL EXPENSES		
5102 Employee Health Insurance	4,706.57	14,960.62
5105 Payroll Service Fees	165.62	513.11
5107 Salaries	39,085.46	112,054.16
5108 Board Salaries	75.00	1,275.00
Total 5100 PAYROLL EXPENSES	44,032.65	128,802.89
5110 PAYROLL TAXES		
5111 FICA	2,423.30	6,947.37
5113 Medicare	566.75	1,624.79
5116 SUINV		13.56
5117 SUI	40.72	250.79
Total 5110 PAYROLL TAXES	3,030.77	8,836.51

Nevada State Board of Professional Engineers and Land Surveyors

Profit and Loss YTD Comparison

September 2023

	TOTAL	
	SEP 2023	JUL - SEP, 2023 (YTD)
6001 OPERATING EXPENSES		
6006 Office Supplies	197.95	1,465.60
6007 Equipment/Furniture		
6010 Equipment Purchases		3,039.04
6011 Equipment Leasing		535.60
6012 Software		
6012.1 Deferred Exp-Software Upgrades	8,000.00	8,000.00
6012.5 Software	54.99	640.53
Total 6012 Software	8,054.99	8,640.53
6015 Website Hosting	1,575.00	4,725.00
Total 6007 Equipment/Furniture	9,629.99	16,940.17
6101 Insurance		
6102 Workers Comp		100.00
6103 General Liability	1,629.74	1,629.74
Total 6101 Insurance	1,629.74	1,729.74
6201 Postage		
6202 Postage		1,678.29
Total 6201 Postage		1,678.29
6301 Board Meetings		
6302 Travel - Out of State		124.00
6303 Travel - In State	1,296.95	8,102.52
6304 Board Meeting Expenses	56.07	56.07
Total 6301 Board Meetings	1,353.02	8,282.59
6501 Professional Services		
6502 Legal		
6503 Board Meetings		3,965.00
6504 Regulations/Legislation		
6504.5 Regulations/Legislation		97.50
Total 6504 Regulations/Legislation		97.50
6505 Discipline		942.50
Total 6502 Legal		5,005.00
6508 Accounting Fees	1,105.00	2,422.50
6509 Governemnt Liaison Services		
6509.1 Def Exp-Government Liaison		4,000.00
Total 6509 Governemnt Liaison Services		4,000.00
6510 Database/Website Design		
6510.1 Deferred Exp-Website Update	77.66	202.66
6510.2 Deferred Exp-Database Update		11,840.00

Nevada State Board of Professional Engineers and Land Surveyors

Profit and Loss YTD Comparison

September 2023

	TOTAL	
	SEP 2023	JUL - SEP, 2023 (YTD)
Total 6510 Database/Website Design	77.66	12,042.66
6511 Public Outreach	800.00	1,900.00
6514 Contract Labor		100.00
6514.1 Def Exp-Contract Labor	1,005.98	2,225.52
Total 6514 Contract Labor	1,005.98	2,325.52
6515 IT Support	1,393.40	4,180.20
Total 6501 Professional Services	4,382.04	31,875.88
6601 Program Services		
6604 NCEES		
6606 Registration		650.00
6607 Travel		8,846.20
Total 6604 NCEES		9,496.20
6615 Bank Fees	-12.00	420.79
6616 Merchant Services Fees	1,659.58	4,332.39
6630 LAS Office Support		1,403.92
Total 6601 Program Services	1,647.58	15,653.30
6700 Other		
6702 Discipline Pd to NV Gen Fund		-3,950.00
Total 6700 Other		-3,950.00
6801 Training & Conferences		
6802 Travel - Out of State	974.55	2,119.01
6804 Registration		2,419.00
Total 6801 Training & Conferences	974.55	4,538.01
6900 Other Expenses		
6901 Taxes and Licenses		315.52
Total 6900 Other Expenses		315.52
Non State Owned Office Bldg.		
6002 Rent		
6002.1 Sub-Lease		-750.00
6002.2 Rent	7,462.64	22,387.92
Total 6002 Rent	7,462.64	21,637.92
6004 Utilities	138.27	342.17
6005 Telephone/Internet	514.49	1,919.56
Total Non State Owned Office Bldg.	8,115.40	23,899.65
Total 6001 OPERATING EXPENSES	27,930.27	102,428.75
Total Expenses	\$74,993.69	\$240,068.15
NET OPERATING INCOME	\$63.68	\$ -85,522.29
NET INCOME	\$63.68	\$ -85,522.29

Nevada Board of Professional Engineers Land Surveyors

Balance Sheet

As of September 30, 2023

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
1001 ASSETS	2,525,837.64
Total Bank Accounts	\$2,525,837.64
Other Current Assets	
1305 Prepaid Expense	17,045.06
1310 Prepaid Lease/Deposit	5,005.00
Total Other Current Assets	\$22,050.06
Total Current Assets	\$2,547,887.70
TOTAL ASSETS	\$2,547,887.70
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 Accounts Payable	11,340.72
Total Accounts Payable	\$11,340.72
Other Current Liabilities	
2001 Payroll Liabilities	34,177.25
4100 Deferred Revenue	805,573.69
Total Other Current Liabilities	\$839,750.94
Total Current Liabilities	\$851,091.66
Total Liabilities	\$851,091.66
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	1,402,318.33
Net Income	-85,522.29
Total Equity	\$1,696,796.04
TOTAL LIABILITIES AND EQUITY	\$2,547,887.70

Nevada Board of Professional Engineers Land Surveyors

Balance Sheet Detail

As of September 30, 2023

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
1001 ASSETS	0.00
1051 First Indep. Bank - Operating	121,881.20
1052 First Indep. Bank - Payroll	111,420.50
1053 First Indep. Bank - Petty Cash	2,527.94
1054 First Indep. Bank - MMA	664,645.80
1055 First Indep. Bank - 24mo CD	549,365.17
1056 First Indep. Bank - 18mo CD	273,910.03
1057 First Indep. Bank - 12mo CD	268,185.95
1058 First Indep. Bank - 24mo FlexCD	533,901.05
Total 1001 ASSETS	2,525,837.64
Total Bank Accounts	\$2,525,837.64
Other Current Assets	
1305 Prepaid Expense	17,045.06
1310 Prepaid Lease/Deposit	5,005.00
Total Other Current Assets	\$22,050.06
Total Current Assets	\$2,547,887.70
TOTAL ASSETS	\$2,547,887.70
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 Accounts Payable	11,340.72
Total Accounts Payable	\$11,340.72
Other Current Liabilities	
2001 Payroll Liabilities	0.00
2002 Accrued Benefits	34,177.25
Total 2001 Payroll Liabilities	34,177.25
4100 Deferred Revenue	805,573.69
Total Other Current Liabilities	\$839,750.94
Total Current Liabilities	\$851,091.66
Total Liabilities	\$851,091.66
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	1,402,318.33
Net Income	-85,522.29
Total Equity	\$1,696,796.04
TOTAL LIABILITIES AND EQUITY	\$2,547,887.70

10. Compliance Officer Report

10.a. Compliance Report

10. a. Compliance Investigations

Currently there are nine (9) cases to report on:

1. 20220005 – Incompetency and misconduct
Investigation complete
2. 20220006 – Failure to act as faithful agent
Investigation complete
3. 20220007 – Gross negligence and misconduct
Investigation complete
4. 20220009 – Failure to act as faithful agent
Investigation complete
5. 20230002 – Failure to act as faithful agent
Investigation complete
6. 20230006 – Failure to act as faithful agent and incompetency
Investigation complete
7. 20230007 – Failure to execute contract for and deliver services in a timely manner
Investigation complete
8. 20230008 – Incompetency in engineering
Investigation complete
9. 20230014 – Misconduct in the practice of land surveying
Investigation complete

1. 20220005 – Incompetency and misconduct

Summary:

Complaint filed by a public entity against a civil engineer alleging incompetency and misconduct relating to submittals for an addition to a commercial building.

Status:

Following board liaison review, a recommendation was made to dismiss the complaint.

2. 20220006 – Failure to act as faithful agent

Summary:

Allegations by a contractor against a civil engineer for failure to deliver services in a timely manner relating to fence and gate system for an existing subdivision in Las Vegas.

Status:

Case under board counsel review.

3. 20220007 – Gross negligence and misconduct

Summary:

Complaint filed by a public entity against a civil engineer alleging the stamping and signing of false and manipulated information, and the submittal of testing information for which the engineer was not in responsible charge.

Status:

Case under board counsel review.

4. 20220009 – Failure to act as faithful agent

Summary:

Complaint filed against a PE/PLS for failure to deliver services in a timely manner relating to residential new build in the Red Rock area north of Reno.

Status:

Case under board counsel review.

5. 20230002 – Failure to act as faithful agent

Summary:

Complaint filed against a PE for failure to deliver services in a timely manner relating to three separate civil projects in the greater Las Vegas area.

Status:

Case under board liaison review.

6. 20230006 – Failure to act as faithful agent and incompetency

Summary:

Two complaints filed by a developer/contractor against a PE relating to two residential projects in the Henderson area. The complaint alleges engineering services were not delivered in a timely manner, excessive number of correction comments generated during plan review, inconsistency in design, and incompetence that prompted a homeowner to file a complaint with the Nevada State Contractor's Board against the complaining developer/contractor.

Status:

Following board liaison review, a recommendation was made to dismiss the complaint.

7. 20230007 – Failure to execute contract for and deliver services in a timely manner

Summary:

Complaint relates to surveying services to resolve a neighborhood boundary dispute.

Status:

Following board liaison review, a recommendation was made to dismiss the complaint.

8. 20230008 – Incompetency in engineering

Summary:

Allegation of incompetency against a CE providing structural services to a contractor on an elementary school repair project in northern Nevada.

Status:

Under investigation.

9. 20230014 – Misconduct in the practice of land surveying

Summary:

Allegation of trespass against a land surveyor when identifying a property corner in northern Nevada.

Status:

Case under board liaison review.

10.b. Probation Reports

10. b. Probation reports

Probation Summary:

Name	Case #	Status/Action	Date Ending
Dooley Riva	20190001	Good Standing	October 10, 2029
Lazell Preator	20190008 & 20200003	Non-compliant	February 1, 2024
Robert Mercado	20230005	Good Standing	June 1, 2025
Timothy Prockish	20210002	Good Standing	October 1, 2023
Jason Caster	20210004	Good Standing	February 1, 2025
M Armando Monarrez	20210011	Good Standing	February 1, 2025
Mark Johnson	20220004	Good Standing	August 15, 2025
Buckley Blew	20230004	Good Standing	August 15, 2026
Lynn Affleck	Petition – Board D&O	Good Standing	December 1, 2023
Douglas Fellenz	Petition – Board D&O	Good Standing	January 1, 2024

Payment Summary:

Name	Case #	Paid	Remaining	Final Due Date
Dooley Riva	20190001	\$20,800.00	\$3,950.00	September 12, 2024
Lazell Preator	20190008 & 20200003	\$6,569.50	\$3,200.00	October 15, 2023
Jason Caster	20210004	\$5,627.50	\$1,500.00	July 29, 2024
Mark Johnson	20220004	\$7,105.50	\$0.00	November 7, 2023

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 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 SUBMITTED FOR THE PERIOD OF: 2023-7-16 THROUGH 2023-9-15

CLIENT:

NAME: BENJAMIN FAGAN DESIGNS

ADDRESS: 589 TAHOE KEYS BLVD, E8

CITY: SOUTH LAKE TAHOE STATE: CA ZIP CODE: 96150

PROJECT:

NAME: TOWNSEND RESIDENCE

LOCATION OF PROJECT: 663 BONNIE COURT

CITY: KINGSBURY STATE: NV ZIP CODE: 89448

SIZE: 5300 SF START DATE: 5.17.22 END DATE: NA

STATUS OF PROJECT: EXCAVATION IS ALMOST COMPLETE

FEE PAID BY CLIENT: \$13,600 + \$900

SCOPE OF WORK:

CONSTRUCTION ADMINISTRATION/ADDITIONAL SERVICES

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

TELECONS WITH DESIGNER AND CONTRACTOR, PROVIDE FEASIBILITY FOR WINDOW CHANGES AND SWITCHING FROM MANUF'D TRUSSES TO STICK FRAMING FOR PORTION OF THE ROOF

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 September 19, 2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Robert Dooley Riva PE/PLS #: 018231

EMPLOYER: Riva Engineering & Consulting

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: 2023-7-16 THROUGH 2023-9-15

CLIENT:

NAME: JOE ZAMPINO

ADDRESS: joezampino@gmail.com

CITY: STATE: ZIP CODE:

PROJECT:

NAME: ZAMPINO RENOVATION

LOCATION OF PROJECT: 163 IRWIN DRIVE

CITY: STATELINE STATE: NV ZIP CODE: 89448

SIZE: 2700 SF START DATE: 7.20.23 END DATE: NA

STATUS OF PROJECT: CONSTRUCTION DOCUMENTS ARE APPROX. 75% COMPLETE

FEE PAID BY CLIENT: \$1,000 RETAINER

SCOPE OF WORK:

DESIGN DEVELOPMENT AND CONSTRUCTION DOCUMENTS

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

COORDINATION WITH DESIGNER, STRUCTURAL ANALYSIS, PLAN REDMARKS, STRUCTURAL DETAILING, AND ISSUE TO DESIGNER FOR PLAN DRAFTING

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 September 19, 2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Robert Dooley Riva PE/PLS #: 018231

EMPLOYER: Riva Engineering & Consulting

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: 2023-7-16 THROUGH 2023-9-15

CLIENT:

NAME: BRENT JOHNSON

ADDRESS: bjohnson@chaseinternational.com

CITY: STATE: ZIP CODE:

PROJECT:

NAME: JOHNSON RESIDENCE

LOCATION OF PROJECT: 190 DALL COURT

CITY: CARSON CITY STATE: NV ZIP CODE: 89448

SIZE: 5500 SF START DATE: 7.19.23 END DATE: NA

STATUS OF PROJECT: DESIGN DEVELOPMENT IS APPROX. 35% COMPLETE

FEE PAID BY CLIENT: \$4,900

SCOPE OF WORK:

DESIGN DEVELOPMENT

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

MEETINGS WITH TEAM TO REVIEW FRAMING LAYOUTS AND FEASIBILITY, PRELIMINARY ROOF FRAMING CALCULATIONS AND LATERAL ANALYSIS

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: September 19, 2023

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 625.410(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 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/1 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 October 30, 2023, the following probation report has not been received:

- Nevada work performed Nov 21, 2022 – Feb 9, 2023 (reports due April 1, 2023)

Robert Mercado, PLS 010352

Case Number: 20210001 and 20230005

Violation of NRS 625.410(5), NRS 625.340, NAC 625.425, NAC 625.545, and NRS 625.410 (8)

Case No. 20210001 - "Faithful Agent Case"

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.

Case No. 20230005 - "Failure to Comply with Stipulated Agreement Case"

The board initiated a complaint against Mr Mercado for failing to comply with the stipulated agreement for the above referenced complaint executed on July 14, 2021. The terms of the settlement required filing bi-monthly probation reports for work performed in Nevada, submitting a white-paper, reimbursement of board legal fees, and payment of an administrative fine.

Mr Mercado failed to meet the milestone dates for submissions required by the agreement. Board staff offered extended milestone dates and a payment plan for the fees and fine, which were acceptable to by Mr Mercado. Mr Mercado continued to not meet the terms of the stipulated agreement despite the accommodations made for extending the milestones and the payment plan.

The board notified Mr Mercado, via written notice, to appear at a hearing on January 20, 2022, to provide Mr Mercado the opportunity to explain his continued failure to meet the terms of the stipulated agreement. Mr Mercado acknowledged receiving the notice to appear but failed to appear or participate virtually. Based on the presentation of facts at the hearing, and a non-showing of Mr Mercado, the board entered a Decision and Order, dated February 8, 2022, lifting the stay of suspension on Mr Mercado's license.

Due to Mr Mercado's continued failure to satisfy the terms of the July 14, 2021, Stipulated Agreement, even after the February 8, 2022, Decision and Order by the board to lift the stay on his license suspension, the board filed a second complaint which was heard on May 11, 2023, after due notice was provided to Mr Mercado.

At the May 11, 2023, hearing, Mr Mercado admitted and acknowledged that he had continually failed to abide by the terms of the stipulated agreement by failing to make timely payments of fees and fines, not submitting the white-paper as specified, and not meeting submittal dates for bi-monthly probation reports, and that he also no-showed to the January 20, 2022, hearing.

Mr Mercado paid the over-due fees and fines, submitted the delinquent whitepaper, and provided all required bi-monthly probation reports on May 9, 2023, two days prior to the May 11, 2023, hearing.

Upon hearing the matter and deliberation, the board ordered the following:

(1) Mr Mercado's Nevada Professional Land Surveying license was suspended through July 24, 2025, but the suspension is stayed, and probation imposed for the duration of the stayed suspension.

(2) Mr Mercado is to submit detailed bi-monthly probation reports to board staff for any Nevada work complete during the previous two-month period.

(3) The stay of Mr Mercado's license suspension may be lifted by the board, upon due notice and the opportunity to be heard, should Mr Mercado fail to abide by the terms above.

LAST PROBATION REPORTS DUE June 1, 2025

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: ROBERT S MERCADO PE/PLS #: 10352

EMPLOYER: SUNDANCE SURVEYING

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: JULY 12, 2023 THROUGH: SEPT 11, 2023

CLIENT:

NAME: HORACIO MORENO

ADDRESS: 750 SALTBRUSH LN

CITY: NLV STATE: NV ZIP CODE: 89030

PROJECT:

NAME:

LOCATION OF PROJECT: 3050 BASSLER

CITY: MOAPA STATE: NV ZIP CODE: 89025

SIZE: 1/4 ACRE START DATE: August 05 2023 END DATE: March 1, 2024

STATUS OF PROJECT: ON GOING

FEE PAID BY CLIENT: \$ 6,500

SCOPE OF WORK:

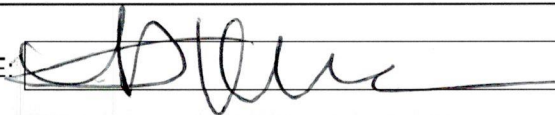
DESIGN SURVEY, PARCEL MAP

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

FIELD WORK AND MAPPING

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

IMPROVED COMUNICATION WITH CLIENT AND ENGINEER

SIGNATURE: 

DATE: October 23, 2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: ROBERT S MERCADO PE/PLS #: 10352

EMPLOYER: SUNDANCE SURVEYING

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: JULY 12, 2023 THROUGH: SEPT 11, 2023

CLIENT:

NAME: MASON MAJERUS

ADDRESS: 3050 BASSLER ST

CITY: NLV STATE: NV ZIP CODE: 89030

PROJECT:

NAME: MAJERUS RESIDENCE

LOCATION OF PROJECT: 3050 BASSLER

CITY: NLV STATE: NV ZIP CODE: 89030

SIZE: 1/4 ACRE START DATE: August 20, 2023 END DATE: Nov 15, 2023

STATUS OF PROJECT: ON GOING

FEE PAID BY CLIENT: \$ 1,000

SCOPE OF WORK:

FENCE LOCATION & CONSTRUCTION STAKING.

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

FIELD WORK AND MAPPING

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

EXTRA EFFORT TO BE ON TIME OR EARLY

SIGNATURE: 

DATE: October 23, 2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: ROBERT S MERCADO PE/PLS #: 10352

EMPLOYER: SUNDANCE SURVEYING

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: JULY 12, 2023 THROUGH: SEPT 11, 2023

CLIENT:

NAME: DON VAN NORTWICK

ADDRESS: 8280 THORNBIRD CT

CITY: NLV STATE: NV ZIP CODE: 89131

PROJECT:

NAME: NORTWICK RESIDENCE

LOCATION OF PROJECT: 8280 THORNBIRD CT

CITY: NLV STATE: NV ZIP CODE: 89131

SIZE: 1/2 ACRE START DATE: Sep 10, 2023 END DATE: Oct 30, 2023

STATUS OF PROJECT: ON GOING

FEE PAID BY CLIENT: \$ 1,100

SCOPE OF WORK:

DESIGN SURVEY

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

FIELD WORK AND MAPPING

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

IMPROVED PLANNING AND SPENT ADDITIONAL TIME WITH CLIENT REGARDING HIS PROJECT

SIGNATURE: 

DATE: October 23, 2023

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 several 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, ie 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 SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:
NAME: Hilltop Community Church

ADDRESS: 3588 Romans Rd

CITY: Carson City STATE: NV ZIP CODE: 89706

PROJECT:
NAME: Hilltop Community Church Exterior Lighting - CA Services J-4521.3

LOCATION OF PROJECT: 3588 Romans Rd

CITY: Carson City STATE: NV ZIP CODE: 89706

SIZE: Small START DATE: 8/1/2022 END DATE: TBD


STATUS OF PROJECT: Under Construction - Phase 1 Parking Lot Improvements

FEE PAID BY CLIENT: T & M

SCOPE OF WORK:
Construction administration for the Phase 1 Parking Lot Improvements. Work includes review of material submittals and responding to Contractor RFI's.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.
No work this period.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.
No work this period.

SIGNATURE:  DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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: 12/2023

STATUS OF PROJECT: Ongoing Construction Administration. Status unchanged since last period.

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. The project has now moved into the final stages of construction and inspections are being done for portions of the School. Dinter has been performing punch lists for all of the electrical systems and providing reports that are submitted to the Contractor(s) for corrections.

The School Building is now complete so the project continues to be site work of the Ballfields and parking lot. This includes the demolition of the existing O'Brien School building and parking lot. Construction administration will include site observations, reports, and responding to Contractor RFI's.

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

For this period the project remains in the construction phase. My involvement continues to be to review requests for information, requests for clarification, contract change requests and provide direction as

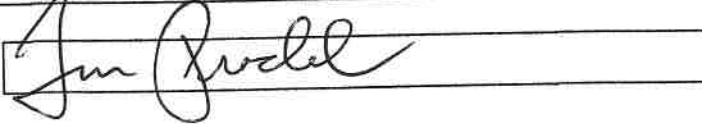
PROBATION REPORT
(MUST BE TYPED)

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 connections for 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.

I have implemented a policy for document handling which will qualify documents received from facility managers 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 reviews of clarifications or revisions to ensure that unauthorized use of content does not occur.

SIGNATURE:



DATE:

09 / 26 / 2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Architects+ LLC

ADDRESS: 35 Martin Street

CITY: Reno STATE: NV ZIP CODE: 89509

PROJECT:

NAME: Our Lady of Snows Parish Center Design J-4679.2

LOCATION OF PROJECT: 1138 Wright St

CITY: Reno STATE: NV ZIP CODE: 89509

SIZE: Small START DATE: 9/2023 END DATE: TBD

STATUS OF PROJECT: scoping and contracting

FEE PAID BY CLIENT: \$29000

SCOPE OF WORK:

This project is the electrical design development of a new 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 Mechanical and Plumbing equipment, Kitchen equipment; security systems and 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.

Supervision of scoping, scheduling and proposal preparation. Reviewed scope and fee documents prior to transmittal to client. determined internal resource allocation and conducted internal project kickoff meeting with staff. Will supervise design efforts and conduct detail reviews of deliverable documents prior to issuance.

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

I have implemented a policy for document handling which will qualify documents received from facility managers 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 reviews of clarifications or revisions to ensure that unauthorized use of content does not occur.

PROBATION REPORT
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SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: JP Copoulos Architect

ADDRESS: PO Box 2517

CITY: Carson City STATE: NV ZIP CODE: 89702

PROJECT:

NAME: New Frontier Care Facility Design J-4687.1

LOCATION OF PROJECT: New Frontier Facility

CITY: Fallon STATE: NV ZIP CODE: 89408

SIZE: small START DATE: Mar 1, 2023 END DATE: 12/31/2023

STATUS OF PROJECT: Final Design

FEE PAID BY CLIENT: \$45,000.00

SCOPE OF WORK:

This project will add on to an existing building for Adult Substance abuse care. The total square footage will be 16,191. The electrical design will include new LED lighting, power, telephone/data, and fire alarm systems, and upgrades to the electrical distribution. New site lighting will be designed for the revised site plan. Design will also include power to new mechanical equipment and Owner supplied laundry and kitchen equipment. This will be a CMAR cooperation project so the design team will work closely with the selected CMAR Contractor to provide a completed project for the Owner.

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


Reviewed and coordinated electrical design progress with other disciplines. Directed and supervised designers activities and efforts to forward design from DD to final design. Participate in project status meetings and progress review meetings. Performed detailed review of document package prior to design development submittal and have scheduled detailed final design review in anticipation of permit issue.

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-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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DATE:

09/26/2023

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Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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: 12/2023

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. The project is now into construction and Dinter is performing field observations with reports. Dinter has also been performing added design services requested by UNR, which are then submitted to the Contractor(s) for completing the work.

Dinter has completed as-built plans based on Contractor supplied red-line mark-ups. Some of the added services construction is currently being performed.

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. Perform detailed review of design change documents prior to sealing, signing and issuance of design changes/additions.

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

PROBATION REPORT
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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 ineligible 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.

SIGNATURE:



DATE:

09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Pierce/Cooley Architects Inc

ADDRESS: 11871 Gonsalves St

CITY: Cerritos STATE: CA ZIP CODE: 90703

PROJECT:

NAME: Design for Bldg 12 Replace Transformers, Switchboard and Feeders J-4698

LOCATION OF PROJECT: VA Sierra Healthcare System

CITY: Reno STATE: NV ZIP CODE: 89502

SIZE: Medium START DATE: 06/15/2022 END DATE: project on going

STATUS OF PROJECT: Status unchanged since last period.

FEE PAID BY CLIENT: \$120,806.00

SCOPE OF WORK:

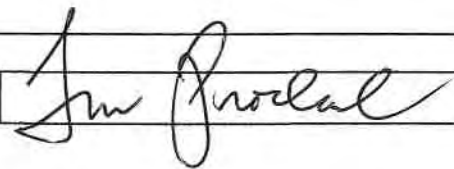
Replace two existing 2000kVA pad-mount transformers, two existing 3000amp main switchboards, and associated feeders, equipment, and demand calculations. Construct of new electrical room for new switchboards will require lighting, power, life safety, fire protection, communications, controls, and changes to some existing electrical panels and ATSS.

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

No engineering work this period.

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

No engineering work this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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: TBD

STATUS OF PROJECT: Status unchanged since last period.

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. The project is now into construction and Dinter is performing reviews of product submittals and responding to RFI's.

A final field observation punch list has been performed and the contractor is correcting noted items.

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

No work this period.

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

No work this period.

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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Dube Group Architecture

ADDRESS: 458 Court St

CITY: Reno STATE: NV ZIP CODE: 89501

PROJECT:

NAME: Evelyn Way Apartments J-4743

LOCATION OF PROJECT: Evelyn Way, Reno NV

CITY: Reno STATE: NV ZIP CODE: 89502

SIZE: Small START DATE: Nov 23, 2021 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period.

FEE PAID BY CLIENT: \$16,670.00

SCOPE OF WORK:

Dinter is providing the electrical engineering and design for this new 9-unit Multi-Family building. Work includes design for providing Utilities to the site from NV Energy, AT&T Telephone, and Spectrum TV; pole mounted lights for illumination of the parking lot; interior design for each unit includes lighting, general receptacles, Kitchen and Laundry receptacles, Fire Alarm system, telephone and television outlets and cabling, and mechanical equipment connections. Includes coordination with other design consultants and Architect.

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

No work this period.

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

No work this period.

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SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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: Harry Reid 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: Continued construction support services

FEE PAID BY CLIENT: \$105,926.00

SCOPE OF WORK:

Construction administration for project with the following scope: 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, replace RDR signs on Runway 1L-19R, 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.

For this period the project continues to be in the construction phase. My involvement includes review of 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 connections for 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.

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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07/26/2023

PROBATION REPORT
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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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: Status unchanged since last period.

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.

No work this period.

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

No work this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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: Status unchanged since last period, waiting for plan check assignment.

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.

No work this period

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

No work this period.

PROBATION REPORT
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SIGNATURE: *Jim Broedel*

DATE: 09/26/2023

PROBATION REPORT
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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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: Status unchanged since last period, waiting for plan check assignment.

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.

No work this period.

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

No work this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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

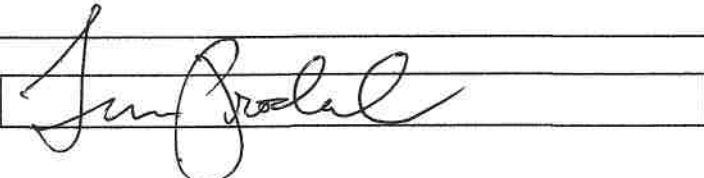
STATUS OF PROJECT: Currently on hold per CCPWD.

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.
No work this period.

DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.
No work this period.

SIGNATURE:  DATE: 09/26/2023

PROBATION REPORT
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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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: Status unchanged since last period.

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.

No engineering scope performed this period.

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

No engineering scope performed this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
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PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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: Final design.

FEE PAID BY CLIENT: \$24,500.00

SCOPE OF WORK:

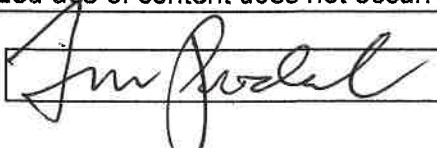
The purpose of this project is to Replace the HVAC in buildings 1,2,3,5,and 6 (21-M19) at the Carlin readiness center in Carlin, NV. Dinter will design modifications to power systems necessary for these upgrades to the mechanical systems.

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

Directed and supervised final design efforts and document preparation efforts. Have scheduled a detailed review in anticipation of sealing, signing and issuance of document package.

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-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 SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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

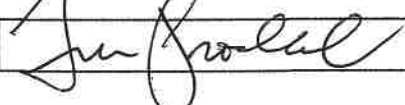
STATUS OF PROJECT: Final design

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 necessary for these upgrades to the plumbing systems.

DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.
Directed and supervised final design efforts and document preparation efforts. Have scheduled a detailed review in anticipation of sealing, signing and issuance of document package.

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-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 SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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: TBD

STATUS OF PROJECT: Status unchanged since last period

FEE PAID BY CLIENT: \$8,500.00

SCOPE OF WORK:

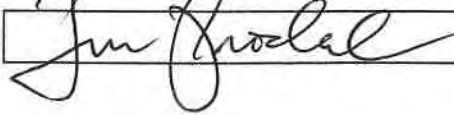
This project will replace the existing electrical-based driveway snow melt system with a hot water-based system. The electrical design includes demolition of the existing snow melt system cables, controls, wiring and connections for the driveway system, and new power connections to new hot water pumps and controls.

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

No work this period.

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

No work this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

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: TBD

STATUS OF PROJECT: Status unchanged since last period

FEE PAID BY CLIENT: \$7,500.00

SCOPE OF WORK:

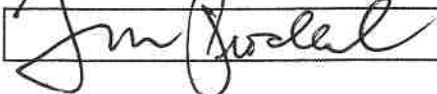
This project will replace the air-cooled chiller, chilled water pumps, piping, and temperature controls serving the existing Stewart Facility, Building 89. The electrical design includes demolition of the existing chiller and pumps controls, wiring and connections, and new power connections to the new chiller and chilled water pumps and controls.

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

No work this period

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

No work this period

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
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Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Performance Electric

ADDRESS: 3945 Glen St

CITY: Reno STATE: NV ZIP CODE: 89502

PROJECT:

NAME: BG301 Relocate Transformer and Switchgear J-4758

LOCATION OF PROJECT: FNAS

CITY: Fallon STATE: NV ZIP CODE: 89408

SIZE: small START DATE: 12/15/2021 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period.

FEE PAID BY CLIENT: \$22,500.00

SCOPE OF WORK:

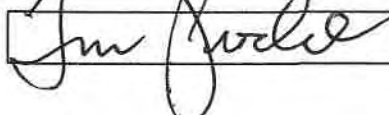
Design to replace existing substation and enclosed circuit breakers with a new substation with new 5KV switch, 500KVA transformer and 1600A switchboard sections. Design will require design for new unit substation to fit in existing unit substation room.

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

No work this period.

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

No work this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
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Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Performance Electric

ADDRESS: 3945 Glen St

CITY: Reno STATE: NV ZIP CODE: 89502

PROJECT:

NAME: BG301 New Service Feeder J-4758.1

LOCATION OF PROJECT: FNAS

CITY: Fallon STATE: NV ZIP CODE: 89408

SIZE: small START DATE: 08/15/2022 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period

FEE PAID BY CLIENT: \$4100.00

SCOPE OF WORK:

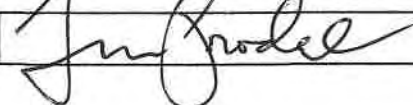
Design to replace aging and inadequately sized feeder to the existing substation at BLDG 301at FNAS.

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

No work this period.

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

No work this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Case Inc

ADDRESS: PO Box 4825

CITY: Lafayette STATE: LA ZIP CODE: 70502

PROJECT:

NAME: Battle Mountain Grinding Plant Expansion J-4759

LOCATION OF PROJECT: Raymond Mill

CITY: Battle Mountain STATE: NV ZIP CODE: 89820

SIZE: Small START DATE: Nov 26, 2021 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period.

FEE PAID BY CLIENT: \$7,800.00

SCOPE OF WORK:

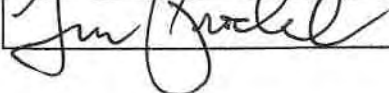
Design for electrical and grounding system for new grinder mill and grinder mill building. Scope amended to include coordination of utility requirements and placement of service entrance equipment.

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

No work this period.

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

No work this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: HNTB Corporation

ADDRESS: 200 E Sandpointe Ave Suite 200

CITY: Santa Ana STATE: CA ZIP CODE: 92707

PROJECT:

NAME: LAS Holding Pad 7 and Main Gate J-4762

LOCATION OF PROJECT: Harry Reid International Airport, 5757 Wayne Newton Blvd

CITY: Las Vegas STATE: NV ZIP CODE: 89119

SIZE: Large START DATE: 05/30/2022 END DATE: TBD

STATUS OF PROJECT: Construction phase

FEE PAID BY CLIENT: \$119,698

SCOPE OF WORK:

Design and construction administration for a project with the following scope: revise taxiway edge lighting and signage where Taxilane Q geometry is changing, removal and replacement of high mast apron lights, removal of miscellaneous power equipment related to the retractable bollard system, removal and replacement of components of main gate in construction area, addition of conduit, handholes, and enclosure for future fiber optic service for use by Air Force One, consolidate all high-mast lights on cargo apron and holding pad 7 onto existing power and control for cargo apron, reconfigure the cargo apron switchgear, removal of electrical utilities along Spencer Street and retrofit existing cargo apron high-mast lights to LED.

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

For this period the project continues to be in the construction phase. My involvement included supervision of review of material submittals, review of requests for information, requests for clarification, and provide input to staff for resolution of issues that arise during construction. Also I am involved in supervising the production of revisions to the construction documents.

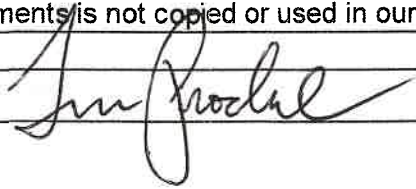
DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

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.

PROBATION REPORT
(MUST BE TYPED)

If the document is not qualified for use it is documented as such and during detailed reviews of the progress 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:



DATE:

09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: City of Reno Public Works

ADDRESS: PO Box 1900

CITY: Reno STATE: NV ZIP CODE: 89505

PROJECT:

NAME: Paradise Park Gates J-4768

LOCATION OF PROJECT: Paradise Park

CITY: Reno STATE: NV ZIP CODE: 89505

SIZE: Small START DATE: Feb 16, 2022 END DATE: TBD

STATUS OF PROJECT: Status has not changed since last period

FEE PAID BY CLIENT: \$9,520.00

SCOPE OF WORK:


Project scope is to provide power for (4) electric gates at various entrances to the Park. This will require using existing power from the existing light pole receptacles and/or existing panels. This will also require cutting and patching of existing parking lots, curbs, sidewalks, and landscaping. Coordination with the City of Reno Civil Engineering Department is required for the new gate power requirements and gate controls.

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

No work this period.

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

No work this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: City of Carson

ADDRESS: 3505 Butti Way

CITY: Carson City STATE: NV ZIP CODE: 89701

PROJECT:

NAME: Electrical Design for Well #40 Generator J-4769

LOCATION OF PROJECT: Carson City

CITY: Carson City STATE: NV ZIP CODE: 89701

SIZE: Small START DATE: May 29, 2022 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period. Shelved due to lack of funding

FEE PAID BY CLIENT: \$19,100

SCOPE OF WORK:

This project will provide electrical engineering design for a new emergency generator at Existing Well #40 Building for the existing 300HP Well pump; and provide mechanical engineering(outsourced) design for a new ventilation fan for the building. Work includes: 1. Provide new electrical feeder conduits and conductors from the new generator to the existing electrical service inside the building; Remove old pump starter equipment from electrical gear; 3. Replace existing low-voltage transformer; relocate transformer to the wall to minimize corrosion damage; 4. Control wiring to Generator and Automatic Transfer Switch; 5. Coordination with Generator Supplier- Caterpillar; 6. Coordination with Carson City Public Works.

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


No work this period.

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

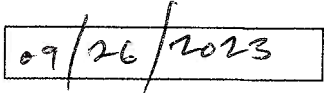
No work this period.

PROBATION REPORT
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SIGNATURE:

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DATE:

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PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Pierce/Cooley Architects Inc

ADDRESS: 11871 Gonsalve St

CITY: Cerritos STATE: CA ZIP CODE: 90703

PROJECT:

NAME: Taylor Street Lighting - VA Reno J-4771

LOCATION OF PROJECT: Taylor Street

CITY: Reno STATE: NV ZIP CODE: 89502

SIZE: Small START DATE: Feb 15, 2022 END DATE: TBD

STATUS OF PROJECT: Construction Phase

FEE PAID BY CLIENT: \$14,543.00

SCOPE OF WORK:

Provide design for exterior lighting along Taylor street on the North side of the VA Campus in Reno including compliance with VA and city requirements for lighting, design of electrical service, connections and control.

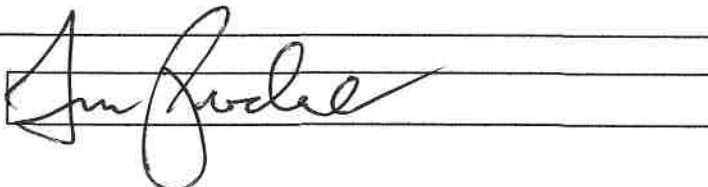
DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

No design work this period. Performed review of vendor documents submitted by contractor for use on the project. to verify that the materials/products to be used are adequate based on the requirements of the project documents.

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

Ongoing performance of detailed review/comparison of the submittals and installations with reference to the requirements of the project documents.

SIGNATURE:



DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Frame Architecture

ADDRESS: 4090 S McCarran Blvd Suite E

CITY: Reno STATE: NV ZIP CODE: 89502

PROJECT:

NAME: Nurses Station Security Enclosure - Dini Townsend J-4773

LOCATION OF PROJECT: Northern Nevada Mental health services 480 Galletti way

CITY: Sparks STATE: NV ZIP CODE: 89431

SIZE: small START DATE: Jan 31, 2022 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period.

FEE PAID BY CLIENT: \$7,100.00

SCOPE OF WORK:

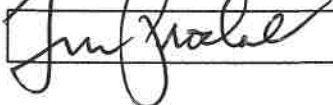
Electrical design for security system modification to accommodate revised nurses station protective enclosures.

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

No work this period.

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

No work this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Ormat Nevada Inc

ADDRESS: 1010 Powerplant Dr

CITY: Reno STATE: NV ZIP CODE: 89521

PROJECT:

NAME: Solar Projects Churchill and Washoe County J-4774

LOCATION OF PROJECT: Tungsten Mnt, City of Reno, Brady, North Valley

CITY: Various sites STATE: NV ZIP CODE:

SIZE: medium START DATE: Mar 9, 2022 END DATE: Oct 20, 2023

STATUS OF PROJECT: Status unchanged since last period

FEE PAID BY CLIENT: \$84,500.00

SCOPE OF WORK:

Provide electrical engineering support for addition of solar fields to (4) sites. Scope of design will include the following elements:

- Partial Single line diagram for electrical distribution tying inverters back to main distribution.
- Electrical site plan depicting electrical distribution tying inverters back to main distribution.
- Conductors will be specified and properly sized per NEC.
- Undergrounding details for trenching and associated infrastructure.
- Grounding Plan and details including details fencing.
- Schedules and other details pertaining electrical distribution design.
- Short Circuit Study and voltage drop/load flow model and lighting calculation.
- Exterior lighting site with controls

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

No work this period.

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

PROBATION REPORT
(MUST BE TYPED)

No work this period.

SIGNATURE:

A handwritten signature in black ink, appearing to read "J. Brodal", is written over a horizontal rectangular line.

DATE:

09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Carson City Public Works

ADDRESS: 3505 Butti Way

CITY: Carson City STATE: NV ZIP CODE: 89701

PROJECT:

NAME: Corporate Yard Parking Lot Electrical J-4775

LOCATION OF PROJECT: Carson City Public Works Corporate Yard

CITY: Carson City STATE: NV ZIP CODE: 89701

SIZE: small START DATE: Mar 15, 2022 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period.

FEE PAID BY CLIENT: \$7,700.00

SCOPE OF WORK:


This project is to provide electrical and lighting design for a parking lot upgrade. New lighting is to be controlled by existing controls. Provisions for future security cameras to be included.

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

No work this period.

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

No work this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: McFadden Electric

ADDRESS: PO Box 5148

CITY: Fallon STATE: NV ZIP CODE: 89407

PROJECT:

NAME: B-17, B-19 Arc Flash Calcs - 5 Generators J-4776

LOCATION OF PROJECT: Fallon Naval Air Station

CITY: Fallon STATE: NV ZIP CODE: 89406

SIZE: Small START DATE: Apr 2, 2022 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period, contractor is waiting for equipment.

FEE PAID BY CLIENT: \$2,500.00

SCOPE OF WORK:


Perform Arcflash calculations for (5) generators providing standby emergency power to various buildings at Fallon Naval Air Station.

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

No work this period.

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

No work this period

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Structural Systems Solutions

ADDRESS: PO Box 19669

CITY: Reno STATE: NV ZIP CODE: 89511

PROJECT:

NAME: Office Addition Building 1003 J-4780

LOCATION OF PROJECT: Creech AFB

CITY: STATE: NV ZIP CODE: 89502

SIZE: small START DATE: 8/1/2022 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period.

FEE PAID BY CLIENT: \$8,600.00

SCOPE OF WORK:


Design of electrical systems for small addition to an existing government office building. Production of drawings, details and specification in GSA format.

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

No work this period

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

No work this period

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Structural Systems Solutions

ADDRESS: PO Box 19669

CITY: Reno STATE: NV ZIP CODE: 89511

PROJECT:

NAME: B85 Bedrooms J-4780.1

LOCATION OF PROJECT: Creech AFB

CITY: STATE: NV ZIP CODE: 89502

SIZE: Small START DATE: 8/1/2022 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period.

FEE PAID BY CLIENT: \$7,400.00

SCOPE OF WORK:

Design of electrical systems for addition of two bedrooms with adjoining bathroom in an existing dormitory building. Production of drawings, details and specifications using GSA format.

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

No work this period.

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

No work this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Stantec Consulting

ADDRESS: 6995 Sierra Center Parkway

CITY: Reno STATE: NV ZIP CODE: 89511

PROJECT:

NAME: Meadowood RAPID Bus Station J-4781

LOCATION OF PROJECT: Meadowood Mall

CITY: Reno STATE: NV ZIP CODE: 89502

SIZE: small START DATE: 8/12/2022 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period.

FEE PAID BY CLIENT: \$9,000.00

SCOPE OF WORK:

This project will provide electrical design for a new RTC Bus Shelter/Station that will replace the current Station that needs to be removed to make room for a driveway to the adjacent property. The design will include new service meter pedestal, lighting, power, and security devices to meet RTC requirements, and will include the need to remove the existing NV Energy service to the existing Station and provide new service to the new location. Coordination with NV Energy and the General Contractor will be required for the existing and new services

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

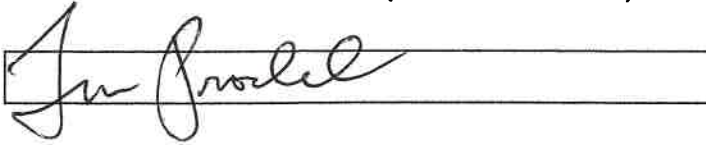
No work this period.

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

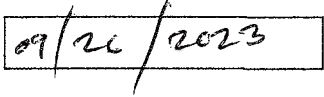
No work this period.

PROBATION REPORT
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PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: McFadden

ADDRESS: PO Box 5148

CITY: Fallon STATE: NV ZIP CODE: 89407

PROJECT:

NAME: Truckee Canal Gate Structure J-4784

LOCATION OF PROJECT: 205 E First St

CITY: Sparks STATE: NV ZIP CODE: 89433

SIZE: Small START DATE: Mar 1, 2023 END DATE: TBD

STATUS OF PROJECT: In construction phase.

FEE PAID BY CLIENT: \$10,020.00

SCOPE OF WORK:

Design power connections and grounding for automated flow regulation gate controller at Truckee Canal feeding the Newlands Project/Truckee Carson Irrigation district system.

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

No work this period

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

No work this period

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Architects +

ADDRESS: 35 Martin Street

CITY: Reno STATE: NV ZIP CODE: 89509

PROJECT:

NAME: Our Lady of Snows Holy Child Learning Center Electrical Assessment J-4786

LOCATION OF PROJECT: Our Lady of Snows Church

CITY: Reno STATE: NV ZIP CODE: 89509

SIZE: small START DATE: Dec 1, 2022 END DATE: TBD

STATUS OF PROJECT: status unchanged since last period

FEE PAID BY CLIENT: \$5,500.00

SCOPE OF WORK:

Dinter provided evaluation of the existing electrical systems for the building including service from the power company pole to the electrical main disconnect, distribution to electrical panels, and the general receptacles to existing classrooms and offices. Light fixtures were evaluated for light types, conditions of the units, and lighting levels in the rooms. Other systems evaluated included telephone, security, and fire alarm. A report of the findings and recommendations was submitted to the Architect, to include in the overall report to the Owner.

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

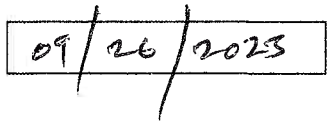
No work this period.

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

No work this period.

PROBATION REPORT
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SIGNATURE: 

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PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Clark Construction

ADDRESS: 180 Howard St Suite 1200

CITY: San Francisco STATE: CA ZIP CODE: 94105

PROJECT:

NAME: UNR Matthewson University Gateway Development Phase 1 J-4793

LOCATION OF PROJECT: UNR

CITY: Reno STATE: NV ZIP CODE: 89512

SIZE: small START DATE: Dec 9, 2022 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period

FEE PAID BY CLIENT: \$15,500.00

SCOPE OF WORK:

Dinter is responsible for the coordination with Utility Companies for relocating existing overhead utility lines to underground, providing design drawings for the underground conduits and vaults for the utilities to the new College of Business and continuing services to off site customers. Dinter also will be coordinating with other design consultants for routing of the conduits through the new site.

Coordinated NV Energy application for new electrical design to the Business Building and the new underground service lines.

Dinter completed design and coordination with other disciplines and provided final stamped/signed drawings to the Architect that will be submitted to State Public Works for plan check review.

Coordinated with Contractor, Civil, and NV Energy for desired routing of new ductbank from north to south end of site.

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

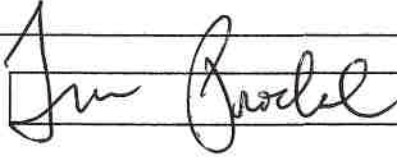
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PROBATION REPORT
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DESCRIBE IN DETAIL HOW YOU IMPROVED ON THIS PROJECT IN THE AREAS FOR WHICH YOU ARE ON PROBATION.

No work this period.

SIGNATURE:



DATE:

07/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: SGF Engineering

ADDRESS: 9500 Prototype Ct

CITY: Reno STATE: NV ZIP CODE: 89521

PROJECT:

NAME: WCSO Master Plan Update J-4794

LOCATION OF PROJECT: 911 Parr Blvd

CITY: Reno STATE: NV ZIP CODE: 89502

SIZE: Small START DATE: Mar 23, 2023 END DATE: TBD

STATUS OF PROJECT: unchanged since last period

FEE PAID BY CLIENT: \$3,000.00

SCOPE OF WORK:

Dinter's work is to update the electrical report for the Master Plan study done in 2017. We have participated in meetings with the Washoe County Sheriff's Office personnel and the Architect for a future Medical Infirmiry that needs to be added to the original report and will present recommendations for electrical services that will be needed.

Final report has been submitted to the Architect.

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

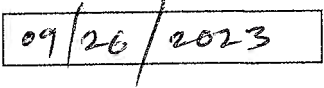
No work this period

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

No work this period

PROBATION REPORT
(MUST BE TYPED)

SIGNATURE:  _____

DATE: 

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Ormat Nevada Inc

ADDRESS: 1010 Powerplant Dr

CITY: Reno STATE: NV ZIP CODE: 89521

PROJECT:

NAME: Solar Projects - SB Solar Phase 2 J-4795

LOCATION OF PROJECT: Steamboat Plant

CITY: Reno STATE: NV ZIP CODE:

SIZE: small START DATE: Jan 23, 2023 END DATE: Oct 6, 2023

STATUS OF PROJECT: status unchanged since last period

FEE PAID BY CLIENT: \$12,500.00

SCOPE OF WORK:

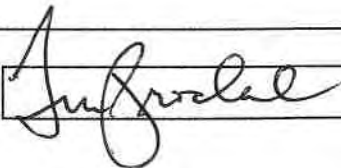
Design of electrical systems for addition of solar array at the existing Steamboat springs geothermal power plant and tie in the the medium voltage switchboard.

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

No work this period

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

No work this period

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish

PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023

THROUGH: Sep 20, 2023

CLIENT:

NAME: Ormat Nevada Inc

ADDRESS: 1010 Powerplant Dr

CITY: Reno

STATE: NV

ZIP CODE: 89521

PROJECT:

NAME: Beowawe Geothermal Project J-4796

LOCATION OF PROJECT: Eureka County

CITY: Beowawe

STATE: NV

ZIP CODE: 89821

SIZE: medium

START DATE: 12/14/2022

END DATE: TBD

STATUS OF PROJECT: Finalizing IFC plans and details.

FEE PAID BY CLIENT: \$41,541.00

SCOPE OF WORK:

Cable sizing and routing for connection of electrical equipment at a new geothermal power plant.
Layout of electrical room with electrical equipment, cable trays and conduits
conduit and cable schedule
connection of new injection pumps with VFD's
Grounding Plan and details including details for grounding of cable trays and fence with associated BOM
Heat Trace Plans with circuiting and details
Short Circuit Study
Arc Flash Study
Production and application of AF labels
Interior and exterior lighting with controls
Building systems connection plans(power, HVAC Etc)
Lightning protection
Plant process and control by others

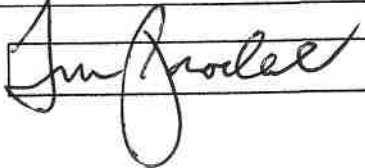
DESCRIBE IN DETAIL YOUR INVOLVEMENT IN THIS PROJECT AND HOW YOU HANDLED THIS PROJECT.

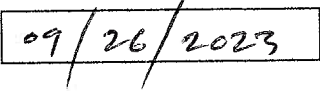
Supervision and direction of design staff in production of layout and single line diagrams for conduit routing, conductor sizing, preparation of electrical system model and studies, lighting design and control, grounding design etc. Performance of detailed reviews of progress and design media prior to transmitting progress sets to client and/or sealing and signing of documents.

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-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.

SIGNATURE: 

DATE: 

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: TSK Architects

ADDRESS: 225 S Arlington

CITY: Reno STATE: NV ZIP CODE: 89501

PROJECT:

NAME: WCSD Vaughn Middle School J-4800

LOCATION OF PROJECT: Reno, NV

CITY: Reno STATE: NV ZIP CODE:

SIZE: large START DATE: Feb 2, 2023 END DATE: TBD

STATUS OF PROJECT: Working on 50% CD drawings

FEE PAID BY CLIENT: \$200,000.00

SCOPE OF WORK:

This project is to replace the existing Vaughn 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.

Design Development submitted to Architect. Project is now into construction documents phase. Continuing ongoing coordination with other disciplines, Owner, and Utility companies.

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

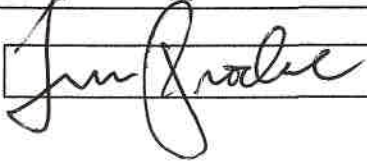
Reviewed and coordinated electrical design progress with other disciplines. Directed and supervised designers activities and efforts to produce construction documents package. Participate in project status meetings and progress review meetings. Performed a detailed review of document package prior to issuance of progress sets to client.

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-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.

SIGNATURE:



DATE:

09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Jaeger Electrical

ADDRESS: 6155 Plumas St. Apt 131

CITY: Reno STATE: NV ZIP CODE: 89519

PROJECT:

NAME: Holcomb Ranch Lane Electrical Upgrade J-4805

LOCATION OF PROJECT: 3400 Holcomb Ranch Lane

CITY: Reno STATE: NV ZIP CODE: 89511

SIZE: Small START DATE: Feb 22, 2023 END DATE: TBD

STATUS OF PROJECT: Status unchanged since last period

FEE PAID BY CLIENT: \$2,350.00

SCOPE OF WORK:

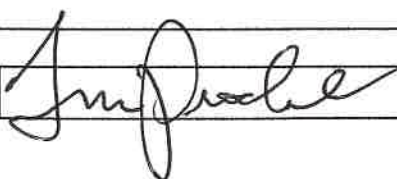
Residential service upgrade.

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

No work this period

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

No work this period

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: New Millennium Building Systems

ADDRESS: 8200 Woolery Way

CITY: Fallon STATE: NV ZIP CODE: 89406

PROJECT:

NAME: New Millennium Building Systems J-4806

LOCATION OF PROJECT: 8200 Woolery Way

CITY: Fallon STATE: NV ZIP CODE: 89406

SIZE: small START DATE: Feb 6, 2023 END DATE: TBD

STATUS OF PROJECT: project on hold.

FEE PAID BY CLIENT: \$5,000.00

SCOPE OF WORK:

Project is to upgrade the existing electrical service from 480 volt. 3 phase, 2000 amp to 4000 amps. Dinter will be coordinating with NV Energy, Electrical Contractor, and the Owner to determine how to provide the new service transformer, switchboard, and re-feed the existing switchboard.

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

no work this period

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

no work this period

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Carollo Engineers Inc

ADDRESS: 100 W Liberty Street

CITY: Reno STATE: NV ZIP CODE: 89501

PROJECT:

NAME: Reno Pump Stations Corey and Sky Vista Project J-4807

LOCATION OF PROJECT: 2 sites in Reno

CITY: Reno STATE: NV ZIP CODE: 89502

SIZE: small/medium START DATE: 5/30/2023 END DATE: TBD

STATUS OF PROJECT: 50% design submitted, 90% design in progress

FEE PAID BY CLIENT: \$65,700.00

SCOPE OF WORK:

Scope of Work – Corey Lift Station

- Review and verification of electrical service points to coordinate with serving utility and meet proposed improvements relating to converting service from high leg delta to 480V or 208V, 3 phase, 4wire grounded wye system.
- Determination of electrical service point of connection for SCADA system tie-in and integration to existing SCADA system network for PS controls, alarms etc.
- Design & size power distribution components, connections, and ratings.
- Design motor controls (New VFDs for pumps to replace across-the-line starters).
- Size standby Generator and loadbank.
- Create P&ID with close coordination and support from Carollo.
- Design of low voltage connections and conduit routing for instruments.
- Design and specify PLC per COR standards.
- Perform all code required electrical calculations.
- Attend design meetings, (1) kick-off and (2) review/coordination.

Scope of Work – Sky Vista Lift Station

- control integration associated with the new magnetic flow meter, ultrasonic level transducer, and diesel driven pump (sending status signals back from the new diesel pump panel to their SCADA system)
- Create P&ID with close coordination and support from Carollo and COR.
- Provide Demo plan for ATS removal and ensure system continuity.

PROBATION REPORT
(MUST BE TYPED)

- Design and specify new above ground ATS with connections to generator and controls systems.

Construction Administration Phase:

- Permitting and Bid phase services.
- Answer RFIs and Requests for clarifications.
- Review submittals.
- Provide final inspection with punch list.
- Provide record drawings based on contractor redlines.
- Review O&M manuals.

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

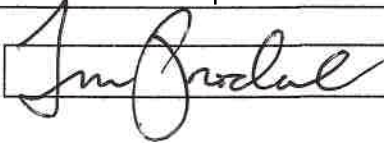
Direction and supervision of preliminary design concepts and document preparation efforts, coordination with other disciplines and existing system requirements. Performed detailed review prior to issuance of progress design package to client.

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

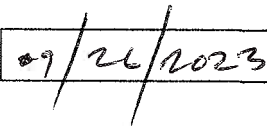
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If the document is not qualified for use it is documented as such and during detailed reviews of the progress of the project, I have verified that these documents were not used. This ensures that content from reference or sample documents is not copied or used in our designs.

SIGNATURE:



DATE:



PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 20, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Arrington Watkins Architects LLC

ADDRESS: 3003 N Central Ave

CITY: Phoenix STATE: AZ ZIP CODE: 85012

PROJECT:

NAME: WCSO B-10 Cell House Conversion J-4808

LOCATION OF PROJECT: 911 Parr Blvd

CITY: Reno STATE: NV ZIP CODE:

SIZE: Small START DATE: Mar 31, 2023 END DATE: TBD

STATUS OF PROJECT: Unchanged since last period

FEE PAID BY CLIENT: \$13,550.00

SCOPE OF WORK:

This project will provide a proposed schematic design for the remodel of the existing programs building to a Womens Detention facility. Our work will provide proposed demolition of the existing electrical systems and then new lighting, power, data, fire signal system, and security equipment layouts. This will include coordination with other design disciplines and the cost estimator.

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

No work this period.

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

No work this period.

SIGNATURE: 

DATE: 09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Jaeger Electrical

ADDRESS: 6155 Plumas St. Apt 131

CITY: Reno STATE: NV ZIP CODE: 89519

PROJECT:

NAME: Replace Existing Service Panel J-4811

LOCATION OF PROJECT: 630 Greenbrae Dr

CITY: Sparks STATE: NV ZIP CODE: 89431

SIZE: Small START DATE: May 23, 2023 END DATE: TBD

STATUS OF PROJECT: in detailed design

FEE PAID BY CLIENT: \$3,535.00

SCOPE OF WORK:

Specification of switchboard and breakers to replace existing panel which was vandalized and disassembled.

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

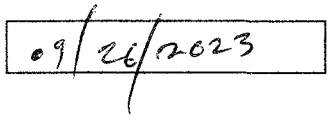
Supervised design and document production. Performed detailed review prior to sealing, signing and issuance of design package.

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

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PROBATION REPORT
(MUST BE TYPED)

SIGNATURE: 

DATE: 

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Dube Group Architecture

ADDRESS: 458 Court Street

CITY: Reno STATE: NV ZIP CODE: 89501

PROJECT:

NAME: City Hall Remodel J-4813

LOCATION OF PROJECT: Nevada

CITY: Reno STATE: NV ZIP CODE: 89502

SIZE: Small START DATE: May 31, 2023 END DATE: TBD

STATUS OF PROJECT: Scoping, contracting and preliminary design

FEE PAID BY CLIENT: \$42,000.00

SCOPE OF WORK:

This project will include the interior demolition of (4) four existing floors at City Hall of Reno. Design to include new LED lighting, lighting controls, receptacles, data outlets, fire alarm signaling devices, power connections to HVAC equipment, and connections to Owner supplied equipment.

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

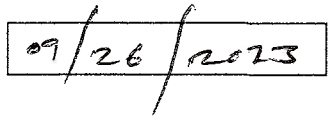
Supervision and direction of design and document preparation process. Review of progress, participation in project status meetings, coordination with other disciplines and scheduling of detailed review prior to issuance of progress documents.

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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SIGNATURE: 

DATE: 

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Paradise Plaza Retail LLC c/o Cire Investment Services LLC

ADDRESS: 530 B Street Suite 2050

CITY: San Diego STATE: CA ZIP CODE: 92101

PROJECT:

NAME: Paradise Plaza J-4814

LOCATION OF PROJECT: Sparks

CITY: Sparks STATE: NV ZIP CODE:

SIZE: Small START DATE: May 31, 2023 END DATE: TBD

STATUS OF PROJECT: Permitting

FEE PAID BY CLIENT: \$3,230.00

SCOPE OF WORK:

Electrical scope to include providing the design for conduit stub-outs from the electrical room for connection to future grocery store panel; and stub conduits down through the roof from roof-top mechanical equipment for connections to future grocery store panels.

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


Involvement included supervision of design and production of documents and performance of a detailed review prior to sealing, signing and issuance of design package.

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 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.

PROBATION REPORT
(MUST BE TYPED)

SIGNATURE:



DATE:

09/26/2023

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Timothy Prockish PE/PLS #: 012931

EMPLOYER: Dinter Engineering Company

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 21, 2023 THROUGH: Sep 20, 2023

CLIENT:

NAME: Ormat Nevada Inc

ADDRESS: 1010 Power Plant Rd

CITY: Reno STATE: NV ZIP CODE: 89521

PROJECT:

NAME: Steamboat standby generator addition J-4816

LOCATION OF PROJECT: Steamboat Plant

CITY: Reno STATE: NV ZIP CODE: 89521

SIZE: small START DATE: 6/15/2023 END DATE: Sep 8, 2023

STATUS OF PROJECT: Preliminary design.

FEE PAID BY CLIENT: \$23,743.00

SCOPE OF WORK:

Detailed engineering for upgrade of an existing power plant located at 1010 Power Plant Rd, Reno NV 89511 and includes:

- Addition of a 350kW, 480V 3 phase diesel generator set
- Addition of a 1600A, 4 pole, open transition automatic transfer switch
- Integration of new equipment into the existing electrical system

System designs which will be included as part of our work are:

- Modification to the plant single line diagram
- Layout plans for new equipment and circuitry
- Grounding Plan and details for new equipment
- Short Circuit Study
- Production of Data sheets to support procurement
 - o Generator set
 - o Automatic transfer switch

Our tasks to accomplish the work will include:

- Coordination with Ormat
- Coordination with Engineers of other disciplines (contracted or employed by Ormat)

PROBATION REPORT
(MUST BE TYPED)

- o Civil for Pads and Anchorage
- o Mechanical for fuel system
- Site visit for field data gathering
- Attend regularly scheduled progress meetings
- Submit regular bi-weekly project status reports to Ormat
- o Report on scope, schedule and budget of design project
- o Identify issues which may impact design

Construction Support Services will include:

- Pre- Construction: Production of drawings, data sheet, material lists and schedules sufficient for contractor bidding
- Post-Construction: Production of As Built plans from contractor redlines

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

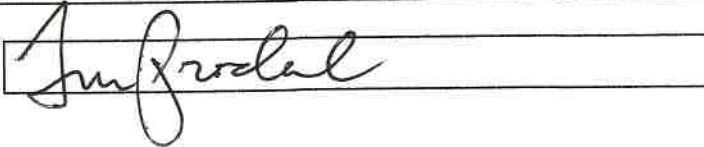
Involvement Included preparation for field data gathering, direction of preliminary design efforts and document production and coordination with other disciplines. Also responsible for resource allocation including scheduling of detailed review prior to sealing signing and/or release of progress package to client.

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

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If the document is not qualified for use it is documented as such and during detailed reviews of the progress 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:



DATE:

09/26/2023

Jason Caster, PLS 019338

Case Number: 20210004

Violation of NRS 625.410(2), NRS 625.565(2) and NAC 625.545

On or about February 25, 2021, the State Board received a complaint against Mr Caster. The complaint alleged incompetence and failure to provide a written contract. In July 2019, Mr Caster was hired to perform a boundary survey on a 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, the client 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, the client, through his company, filed a court action for damages against Mr Caster. In February 2021, Mr Caster filed for bankruptcy.

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.

No formal contract was executed between Mr Caster and the client. Mr Wagner and Mr Caster exchanged emails for surveying services, including the scope of the project, cost, and time frame. Mr Caster indicated to client 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 the client that he did not have professional liability insurance until after the damage was done.

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 the complaint, 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 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. 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/1 00 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.

LAST PROBATION REPORTS DUE February 1, 2025

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Jason E. Caster PE/PLS #: 19338

EMPLOYER: Multnomah County

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Aug 1, 2023 THROUGH: Sep 30, 2023

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

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

I did not perform any work in the State of Nevada during this time period.

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

SIGNATURE: Jason E. Caster

Digitally signed by Jason E. Caster
Date: 2023.09.29 09:22:08 -07'00'

DATE: September 30, 2023

M Armando Monarrez, PE 019652

Case Number: 20210011

Violation of NAC 625.530(1) and NAC 625.545

In 2017, Mr Monarrez's current client was contracted with the then President of CVL, to provide civil engineering services for a project in Henderson, Nevada. This project was a master improvement plan that included services such as hydraulic and hydrologic calculations, precise grading and wall plan, sewer plans, and technical drainage study. The contract for this project provided, "[i]f the site plan should change after CVL has commenced work, any revision required will be considered extra to the contract, subject to renegotiation of our fees."

In 2018, when the engineering work was well underway, the President of CVL passed away. CVL was then purchased by Mr Monarrez.

On or about February 12, 2019, Mr. Monarrez sent an email to the client stating that part of the original design for the Hills project would no longer work and that he (Mr Monarrez) had revised the design plan.

On or about February 13, 2019, Mr Monarrez sent an email to the client, informing them that his designs could save a significant amount of money. In addition, this email stated, among other things, that "Typically Value Engineering is rewarded at 50/50 between owner and engineer of all cost savings."

On or about May 17, 2019, Mr Monarrez sent a letter to the client titled, "The Hills Value Engineering Agreement" (hereinafter "The Change Order"). The Change Order included a term that stated, "CVL will be compensated with 30% of all construction costs savings from Cut, Blasting, Fill, Over-excavation, Import, Export, and Rock wall construction." The Change Order also included a term that stated, "Growth Construction shall make payments of \$50,000 / month until the full compensation (30% of savings) has been paid, or prior to the recordation of the Final Map." The Change Order stated that compensation would be based on the differences between a contractor's bid price on the original design and the revised design.

On or about May 18, 2019, the client sent Mr. Monarrez an email that rejected Mr. Monarrez's proposed Change Order, stating, "we are NOT in agreement regarding the attached change order."

In the following months, despite the client's rejection, CVL sent invoices pursuant to the requested but rejected Change Order.

Violations and Disciplinary Actions

Pursuant to NAC 625.545, it is a violation for a licensee to perform work for a client before the licensee enters into a written contract with the client. Here, no written contract existed between Mr Monarrez and the client with regard to Mr Monarrez receiving a certain percentage of the costs saved, and no written contract existed for CVL to invoice the client \$50,000 per month. Even if Mr Monarrez believed a verbal agreement existed between him and the client, NAC 625.545 is clear that a written contract must exist before a licensee performs work for a client. Thus, Mr Monarrez's actions were in violation of NAC 625.545, as he performed work without a written contract and sent invoices pursuant to his proposed Change Order that was not accepted by the client.

Further, pursuant to NAC 625.530, it is a violation for a professional engineer to fail to act as a faithful agent or trustee for each client in the professional engineer's relations with his or her clients. As noted previously, the client had rejected Mr Monarrez's proposal for the Change Order, but Mr Monarrez continued to submit invoices pursuant to the Change Order over several months. Such behavior is not acting as a faithful agent for a client in the professional engineer's relationship. Accordingly, Mr Monarrez's actions violated NAC 625.530.

Based on the foregoing, Mr Monarrez stipulates that he violated NAC 625.545 and NAC 625.530(1).

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 Monarrez and the State Board resolve this matter on the following basis:

1. Mr Monarrez's Nevada license shall be suspended for twenty-four (24) months following entry of this Agreement, but with the suspension stayed and probation imposed for the duration of that time period. The stay of Mr Monarrez's suspension may be lifted by the State Board, upon notice and the opportunity to be heard, should Mr Monarrez fail to abide by the terms hereof. Mr Monarrez's successful completion of probation is expressly conditioned upon his full compliance with the following conditions of probation:

- (a) Mr Monarrez 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. 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.

(b) Mr Monarrez shall pay an administrative fine of Two Thousand and No/100 Dollars (\$2,000.00) within six (6) months of acceptance and execution of this Agreement by the State Board.

(c) Mr Monarrez shall pay the State Board Three Thousand Sixteen and No/100 Dollars (\$3,016.00) as reimbursement of legal expenses expended by the State Board in this matter, within six (6) months of acceptance and execution of this Agreement by the State Board.

(d) Mr Monarrez shall, within one (1) year of the effective date of this Stipulated Agreement, successfully complete an intermediate level ethics course with Texas Tech University, Murdough Center for Engineering Professionalism, and submit proof of completion to the Board within sixty (60) days of completion of the course.

(e) Within thirty (30) days of license renewal, Mr Monarrez shall provide proof of completion of thirty (30) professional development hours that are required on a biennial basis for license renewal, pursuant to NAC 625.430, NAC 625.470 and NAC 625.480.

LAST PROBATION REPORTS DUE February 1, 2025

PROBATION REPORT
(MUST BE TYPED)

PROBATIONER: PE/PLS #:
EMPLOYER:
PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT

NAME:
ADDRESS:
CITY: STATE: ZIP CODE:

PROJECT

NAME:
LOCATION OF PROJECT:
CITY: STATE: ZIP CODE:
SIZE: START DATE: END DATE:
STATUS OF PROJECT:
FEE PAID BY CLIENT:

SCOPE OF WORK:

Perform Engineering Services for up to 80 Condominium unit project in the hillside including, assistance with Zone Change, Tentative Map, Survey, Drainage Study, Traffic Study, Water Network Analysis, Water Master Plan, Civil Improvement Plans, and Final Map.

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

I am the project manager and stamping engineer for the civil engineering tasks. I coordinate the progress with the design team including sub-consultants. I update the client with the progress of the project and review the changes the architect makes to make sure we are staying in compliance. I personally prepared the grading design, utility design, and QC the plans, survey, and drainage study.

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

I do not performed tasks that are outside the scope of work without having a written change order/additional service request. I do not invoice for any tasks for which I do not have a written contract or change order for.

SIGNATURE: DATE:

PROBATION REPORT
(MUST BE TYPED)

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

Perform engineering services as requested by Client. Such services may include revisions to previously approved plans, attend meetings, perform site inspections, coordinate with contractors and client as necessary.

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

I personally attend the meetings, perform field inspections, coordinate with client and contractors. I also review the revisions to the improvement plans and stamp for submittal.

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

I do not performed tasks that are outside the scope of work without having a written change order/additional service request. I do not invoice for any tasks for which I do not have a written contract or change order for.

SIGNATURE:

DATE:

PROBATION REPORT
(MUST BE TYPED)

PROBATIONER: PE/PLS #:
EMPLOYER:
PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT

NAME:
ADDRESS:
CITY: STATE: ZIP CODE:

PROJECT

NAME:
LOCATION OF PROJECT:
CITY: STATE: ZIP CODE:
SIZE: START DATE: END DATE:
STATUS OF PROJECT:
FEE PAID BY CLIENT:

SCOPE OF WORK:

Prepare contract documents including plans and specifications for rehabilitation of approximately 300 sewer pipe assets and 200 sewer manholes all over the CCWRD service area. The tasks include project management, pre-design report, dewatering evaluation, CCTV, potholes, survey, drawings, and specifications.

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

I am the project manager and stamping engineer. I perform all project management tasks, coordinate with subconsultants, submit invoices, review pothole data, review CCTV, coordinate with CCWRD representatives, perform QC on the plans, write the specifications for the project, and responsible for the success of the project in the engineering design phase.

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

I do not performed tasks that are outside the scope of work without having a written change order/additional service request. I do not invoice for any tasks for which I do not have a written contract or change order for.

SIGNATURE: DATE:

Mark Johnson, PE 019830

Case Number: 20220004

Violation of NRS 625.410(2).

In July 2018, a client contracted with Mr Johnson's employer to provide engineering services for a single-family home and work barn located in Gardnerville, NV. These services included the site layout, design of the engineered septic system, mapping of the existing site, submittal to Douglas County, and follow-up. There was an estimated cost for these services, but the actual charges would be based on "time and materials."

Mr Johnson, as the professional engineer in charge on behalf his employer, requested the client commission and provide a Geotechnical Report for the property. SC received this report in late August 2018. This geotechnical report noted that "local groundwater levels are expected to fluctuate during flood irrigation, changes in precipitation, seasonal variations."

The septic tank was installed in July 2019. Soon after the installation, the farmland in the immediate area of the client's home was predictably flood irrigated. Within a week, water was found to have entered into the septic tank as a result of pipes in the system being compromised due to the tank "floating" i.e. vertical displacement, due to the rise in surrounding ground water.

Following discovery of this failure, Mr Johnson recommended a system design change, requiring installation of the tank above-ground (change from gravity flow to pump system). The client agreed to this recommendation.

After installation of the revised septic tank layout, the client learned that the above- ground tanks could have been located anywhere. The client reported that, had she known this, she would have placed the tanks next to the large leach field mound, instead of directly outside her bedroom window, where the revised installation was sited by Mr Johnson. The client questioned whether Mr Johnson's employer would bear responsibility for the extra expense incurred for the reinstallation of the above- ground septic tank system.

Mr Johnson's employer agreed to absorb the engineering fees for the above-ground system, but not the additional expense associated with the removal and reinstallation of the septic tank.

During the investigation, Mr Johnson admitted that he did not anticipate that the flood irrigation would have any impact on the groundwater level.

VIOLATIONS and DISCIPLINARY ACTION

Pursuant to NRS 625.410, in relevant part, the State Board may take disciplinary action against a licensee for “[a]ny gross negligence, incompetency or misconduct in the practice of professional engineering as a professional engineer or in the practice of land surveying as a professional land surveyor.” NRS 625.410(2). Here, Mr Johnson had the information that local groundwater levels would fluctuate during flood irrigation, changes in precipitation, and seasonal variation. Mr Johnson, however, failed to factor the known ground water variability into the in- ground septic tank design.

Based on the foregoing, Mr Johnson stipulates that he was grossly negligent in the engineering of the client’s septic system, and thus in violation of NRS 625.410(2).

NRS 625.410(5) provides authority for the State Board to administer discipline in Nevada for a violation of any NRS Chapter 625 statute and/or any regulation adopted by the State Board. Further, 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 20220004 now pending, Mr Johnson and the State Board resolve this matter on the following basis:

- 1.) Mr Johnson’s Nevada license shall be suspended for twenty-four (24) months following entry of this Agreement, but with the suspension stayed and probation imposed for the duration of that time period.
- 2.) Mr Johnson shall submit, to the State Board, a complete list and description of his projects from July 01, 2018 to December 31, 2022 that involved septic design undertaken by Mr Johnson. The State Board will then randomly select three (3) of those projects to be subjected to an independent third-party peer review to evaluate Mr Johnson’s septic competency as a civil engineer. The third-party engineer shall be selected by the State Board, and Mr Johnson shall be responsible to pay for the services thereof upon presentment of the service’s invoice. The third-party engineer shall have no conflict of interest relating to Mr Johnson, his employer, or the client.
- 3.) Mr Johnson shall pay an administrative fine of Five Thousand and No/100 Dollars (\$5,000.00) within ninety (90) days of acceptance and execution of this Agreement by the State Board. A payment plan may be granted by State Board staff if requested by Mr Johnson and deemed warranted by State Board staff.

4.) Mr Johnson shall pay legal and investigative costs to the State Board a total of Two Thousand One Hundred Six and 50/100 Dollars (\$2,106.50) within ninety (90) days of acceptance and execution of this Agreement by the State Board.

5.) Mr Johnson shall, within one (1) year of the effective date of this Stipulated Agreement, successfully complete a NAWT Designer Course, and submit proof of completion to the State Board within sixty (60) days of completion of the course.

6.) Mr Johnson shall pay the client restitution in the amount of \$15,816.40 pursuant to NRS 625.460(1)(e), within ninety (90) days of acceptance and execution of this Agreement by the State Board.

LAST PROBATION REPORTS DUE August 15, 2025

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

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

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

SIGNATURE:

Digitally signed by Mark Johnson
DN: cn=Mark Johnson, o=Stanka Consulting LTD, ou=Engineering
email=mark@stankaconsulting.com, c=US
Date: 2023.10.13 16:19:04 -0600

DATE:

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

Submittal of change order per the client's request. The site improvement permit for this project had been approved by Douglas County in June of 2023.

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

I have been the project engineer for the project since the engineer originally in charge of the project left our office. I prepared the change order according to Douglas County requirements and submitted it. The change order was according to the client's request. The change order is still in the review process.

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

This scope of this project did not include any work for which I am on probation.

SIGNATURE:

Digitally signed by Mark Johnson
DN: cn=Mark Johnson, o=Stanka Consulting LTD, ou=Engineering
email=mark@stankac consulting.com, c=US
Date: 2023.10.13.15.12.45 -0600

DATE:

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

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

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

SIGNATURE:

Digitally signed by Mark Johnson
DN: cn=Mark Johnson, o=Stanka Consulting LTD, ou=Engineering
email=mark@stankac consulting.com, c=US
Date: 2023.10.13 16:05:37 -0600

DATE:

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

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

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

SIGNATURE:

Digitally signed by Mark Johnson
DN: cn=Mark Johnson, o=Stanka Consulting LTD, ou=Engineering
email=mark@stankaconsulting.com, c=US
Date: 2023.10.13 15:25:23 -0600

DATE:

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

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

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

SIGNATURE: Digitally signed by Mark Johnson
DN: cn=Mark Johnson, ou=Stanka Consulting LTD, ou=Engineering
email=mark@stankaconsulting.com, c=US
Date: 2023.10.13 16:00:11 -0500

DATE:

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

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

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

SIGNATURE:

Digitally signed by Mark Johnson
DN: cn=Mark Johnson, o=Stanka Consulting LTD ou=Engineering
email=mark@stankaconsulting.com, c=US
Date: 2023.10.13 16:35:50 -0600

DATE:

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

Prepare revisions to site improvement package per Douglas County comments and submit complete corrected package to lead engineering company on this project for submittal to Douglas County.

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

I have not been the lead on this project. The original plans were completed by another engineer in our office who has since left the office. I have been updating the plans based on Douglas County comments and coordination with the original engineer. I had obtained his permission to place my stamp on the plans.

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

The scope of this project did not include any work for which I am on probation.

SIGNATURE:

Digitally signed by Mark Johnson
DN: cn=Mark Johnson, o=Stanka Consulting LTD, ou=Engineering
email=mark@stankac consulting.com, c=US
Date: 2023.10.13 15:49:04 -0600

DATE:

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

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

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

SIGNATURE:

Digitally signed by Mark Johnson
DN: cn=Mark Johnson, o=Stanka Consulting LTD, ou=Engineering,
email=mark@stankaconsulting.com, c=US
Date: 2023.10.13 16:30:08 -0600

DATE:

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

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

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

SIGNATURE:

Digitally signed by Mark Johnson
DN: cn=Mark Johnson, o=Stanka Consulting LTD, ou=Engineering
email=mark@stankac consulting.com, c=US
Date: 2023.10.13 16:47:12 -0600

DATE:

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

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

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

SIGNATURE:

Digitally signed by Mark Johnson
DN: cn=Mark Johnson, o=Stanka Consulting LTD ou=Engineering
email=mark@stankaconsulting.com c=US
Date: 2023.10.13 16:59:55 -0600

DATE:

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

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

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

SIGNATURE:

Digitally signed by Mark Johnson
DN: cn=Mark Johnson, o=Stanka Consulting LTD, ou=Engineering
email=mark@stankaconsulting.com, c=US
Date: 2023.10.13 15:05:22 -0600

DATE:

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT:

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT:

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

Prepare relinquishment map for proposed lot split. Also coordinate with excavator for excavation of test trenches for proposed septic systems. No septic design has occurred at this point.

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

I have not been the lead on this project. I have previously coordinated with a separate surveying company to prepare the tentative map itself but the tentative map package was prepared and submitted by another engineer in our office.

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

If the project continues and I am tasked with preparing the design for the septic system I will take into account all environmental considerations in the design of the tank and disposal field.

SIGNATURE:

Digitally signed by Mark Johnson
DN: cn=Mark Johnson, o=Stanka Consulting LTD, ou=Engineering
email=markj@stankiconsulting.com, ou=US
Date: 2023.10.13 15:36:30 -0600

DATE:

Buckley Blew, PLS 024520

Case Number: 20230004

Violation of NRS 625.410 (2), 625.340, NRS 625.350(2)(a); and NRS 329.140(1).

Mr Blew self-reported a disciplinary action imposed against his California professional land surveyor license by the California Board of Professional Engineers, Land Surveyors, and Geologists (the “California Board”) in his license renewal application.

CALIFORNIA BOARD DISCIPLINARY ACTION

The California Board action against Mr Blew was based on the following:

A) California Business and Professions Code (“Code”) § 8780(d) and § 8762(b)(4) and (c) for failing to file a record of survey within ninety (90) days of his survey of the following properties:

- 555 and 575 Market Street, San Francisco
- 1281 W. National Drive, Sacramento
- 1520 and 1620 W. National Drive, Sacramento
- 1534 N. Market Blvd. and 4201 Sierra Point Drive, Sacramento
- 1700 W. National Drive, Sacramento
- 3200-3298 Orange Grove Avenue, Sacramento
- 1401 Civic Court, Concord

B) Under Code § 8780(b) for negligence in the practice of land surveying, in that Mr Blew did not meet the standard of care for a licensed land surveying when he failed to file a record of survey for the aforementioned properties. In addition, for the properties located at 1520 and 1620 W. National Drive, Sacramento, at 1534 N. Market Blvd. and 4201 Sierra Point Drive, Sacramento, and at 1700 W. National Drive, Sacramento, Mr Blew was disciplined under Code § 8780(b) for negligence in the practice of land surveying, in that Mr Blew did not meet the standard of care for a licensed land surveying when he failed to set monuments.

C) Under Code § 8780(d) and § 8765(d) for failing to file a corner record for 8845 Washington Blvd., Roseville. In addition, Mr Blew was disciplined under Code § 8780(b) in that he was negligent in his practice of land surveying regarding 8845 Washington Blvd., Roseville.

D) Under Code § 8780(b) in that he was negligent and/or incompetent in the practice of land surveying in that the establishment of boundaries shown on Mr Blew’s ALTA/NSPS maps indicated a practice of using a minimum of unreferenced control points and using “record” information from a single direction to establish boundary lines. This practice is reasonably foreseeable to lead to gaps and overlaps in boundaries.

Based on the above Mr Blew stipulated with the California Board to the following violations: (1) failure to file a timely record of survey; (2) negligence in the practice of land surveying; (3) failure to file a corner report; and (4) incompetence in the practice of land surveying. Pursuant to the California Board Stipulation and Order, Mr Blew'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 Twelve Thousand Six Hundred Thirteen and 75/100 Dollars (\$12,613.75), 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 land surveying courses.

NEVADA BOARD DISCIPLINARY ACTION

NRS 625.410 states that the Nevada State 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 State Board does not have statutory authority to take disciplinary action against licensees for mere negligence. Thus, Mr Blew's cause for discipline due to his negligence does not constitute a violation of NRS 625.410(6).

Mr Blew's cause for discipline for failure to file a timely record of survey, however, is substantially equivalent to NRS 625.340, in which professional land surveyors shall "within 90 day after the establishment of points or lines, file . . . a record of survey relating to land boundaries and property lines." In addition, NRS 625.350 states that a record of survey must show, among other things, "[a]ll monuments found, set, reset, or replaced, describing their kind, size and location and giving other data relating thereto." NRS 625.350(2)(a).

Mr Blew was also disciplined for failing to file a corner record. This cause for discipline is substantially equivalent NRS 329.140, in which a "a surveyor shall complete, sign and record or cause to be recorded . . . a written record of the establishment or restoration or a corner The survey information must be recorded within 90 days after the survey is completed." NRS 329.140(1).

Finally, Mr Blew was disciplined for negligence and/or incompetence. NRS 625.410 states that the Board may take disciplinary action against a licensee for "[a]ny gross negligence, incompetency or misconduct in the practice of professional engineering as a professional engineer or in the practice of land surveying as a professional land surveyor." NRS 625.410(2).

Thus, since at least one of the grounds for discipline in California is substantially similar to a ground for discipline in Nevada, the State Board may take disciplinary action against Mr Blew.

NRS 625.410 states that the State 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.

Pursuant to NAC 625.640(3)(b)(2), a disciplinary matter against a licensee may be resolved without a formal hearing by Stipulated Agreement. As such, Mr Blew and the State Board hereby stipulate to the following terms for the above-referenced violation(s):

1. Mr Blew'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 State 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. Mr Blew shall provide the State Board with proof of fulfilling the California Stipulated Agreement obligations.

LAST PROBATION REPORTS DUE August 15, 2026

PROBATION REPORT
(MUST BE TYPED)

Print Form

PROBATIONER: Buckley Blew PE/PLS #: 024520

EMPLOYER: Blew & Associates, P.A.

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: Jul 20, 2023 THROUGH: Sep 19, 2023

CLIENT:

NAME: NA

ADDRESS: NA

CITY: NA STATE: NA ZIP CODE: NA

PROJECT:

NAME: NA

LOCATION OF PROJECT: NA

CITY: NA STATE: NA ZIP CODE: NA

SIZE: NA START DATE: NA END DATE: NA

STATUS OF PROJECT: NA

FEE PAID BY CLIENT: NA

SCOPE OF WORK:


NA

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

NA

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

NA

SIGNATURE: 

DATE: October 20, 2023

Lynn Affleck, PE 007676

Petition for Re-Licensure

Decision and Order

Through a series of disciplinary hearings against Mr Affleck, the the first being held on May 11, 2006, and the final held on January 14, 2010, Mr Affleck's Nevada Professional Engineering License was revoked. In addition, Mr Affleck was prohibited from petitioning for re-licensure until January 14, 2012, and Mr Affleck could only be considered for re-licensure if he complied with certain terms set forth by the State Board in its January 25, 2010, Decision and Order.

The January 25, 2010, Decision and Order was subject to Petition for Judicial Review by Mr Affleck in Nevada District Court, and, subsequently by appeal to the Nevada Supreme Court, and the State Board's Decision and Order was upheld at both levels, ultimately by a February 10, 2012 Order of the Nevada Supreme Court.

On or about April 23, 2021, Mr Affleck submitted his Petition for Re-Licensure to the Nevada Board, and the matter was heard on May 20, 2021. Following deliberation, a motion was made, seconded, and adopted, and the Board ruled that Mr Affleck be re-licensed upon satisfying the following conditions:

- a. Mr Affleck obtains and delivers to the Executive Director of the Nevada Board a letter from his present employer, Jeffrey J. Jensen, P.E. No. 15737, of GIS Engineering, recommending that Mr Affleck be immediately re-licensed as a Professional Civil Engineer in the State of Nevada.
- b. Mr Affleck pays the Board the amount of Two Thousand Five Hundred and No/100 Dollars (\$2,500.00) still owed to the Board pursuant to its January 25, 2010 Decision and Order.
- c. Mr Affleck provides proof of obtaining thirty (30) Professional Development Hours in the immediately previous two (2) year period, plus proof of one (1) hour of review of Nevada engineering law and two (2) hours of professional engineering ethics.
- d. Mr Affleck's license shall be suspended for two (2) years immediately upon issuance, but the suspension stayed, and probation imposed for the duration of that time period.
- e. The stay of Mr Affleck's license suspension may be lifted by the State Board, upon notice and the opportunity for Mr Affleck to be heard, should Mr Affleck fail to abide by the terms hereof.

- f. Mr Affleck's successful completion of probation is expressly conditioned upon his full compliance with the above terms and following conditions of probation:
 - i. Mr Affleck shall submit detailed quarterly probation reports to the Executive Director of the Board, which shall report any work performed and/or completed in Nevada during the previous three (3) month period. A report shall be filed even if no work has performed during the previous two (2) month period. The first report shall be due within two (2) months of Mr Affleck's re-licensure. Each report shall include a copy of the contract executed for any work in Nevada, including the scope of work detail, as well as the supporting project documentation.

LAST PROBATION REPORTS DUE December 1, 2023

Lynn Affleck, PE 007676

Board Decision and Order

No reports due during this period. Next reports due December 1, 2023, and will be available for review in the January 2024 board packet.

Douglas Fellenz, EI OT8691

Petition for Engineering Intern Certification

Decision and Order

Mr Fellenz submitted an application with the Nevada Board to be registered in Nevada as an Engineering Intern on October 12, 2021, pursuant to NRS 625.385 and NAC 625.210. In his application Mr Fellenz disclosed that he had entered into a Consent Agreement with the Arkansas State Board of Licensure for Professional Engineers and Professional Surveys (“Arkansas Board”), which provided for the entry of an order of professional discipline by the Arkansas Board, revoking Mr Fellenz’ engineering and surveying intern certifications in Arkansas, based upon his admission of violating various provisions of Arkansas Code.

Due to concerns regarding the circumstances of Mr Fellenz previous discipline by the Arkansas Board, the Executive Director of the Nevada Board submitted the question of whether Mr Fellenz satisfies the qualifications and competency requirements to be certified as an engineering intern under NRS 625.152(1), and the matter was heard by the Board at its November 18, 2021, Meeting. Following deliberation, a motion was made, seconded, and adopted, and the Board that Mr Fellenz be certified as an engineering intern in the state of Nevada, subject to the following conditions:

- a. Mr Fellenz takes an ethics in engineering course, pre-approved by State Board staff, and provides proof of completion to Nevada Board staff by May 18, 2022.
- b. Mr Fellenz’ engineer intern certification, or if applied for and granted, engineering and/or land surveying licensure, shall be suspended until November 18, 2023, but the suspension shall be stayed, and probation imposed for that time period.
- c. Mr Fellenz successful completion of probation is expressly conditioned upon his full compliance with the above terms and the following conditions of probation:
 - i. Mr Fellenz shall submit detailed bi-monthly (i.e., every two months) probation reports to the Executive Director of the Board, which shall report any engineering related and/or surveying related work performed and/or completed in Nevada during the previous two (2) month period, as well as the name of the employer for whom/which the work was performed. The report shall be filled even if no work was performed during the previous two (2) month period. The first report shall be due on January 31, 2022.
 - ii. During his probation, Mr Fellenz shall disclose this discipline by the Board, and the basis therefor, to any and all organizations or individuals that hire Mr Fellenz.

LAST PROBATION REPORTS DUE January 1, 2024

PROBATION REPORT
(MUST BE TYPED)

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

Final Engineering services to prepare Civil Construction Plans for Site Improvements to be made to the existing Taco Bell leasehold space, including site layout, site grading & drainage, site utilities layout/tie ins, cross sections, and hydrology report for City of Reno Permit review & approval, along with Administrative Services to coordinate with Client, Client's representatives and jurisdictional agencies as necessary throughout the application process.

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

I am performing all phases of Scope of Services from beginning to final submittal, and I participate in all correspondence with Client, Client's representatives, jurisdictional agencies as necessary during design phase.

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

I am acting in a professional and ethical manner in all aspects of the project, and I will not be affixing a stamp to any of the drawings or reports submit. I also do not represent during any interactions as a currently licensed PE.

SIGNATURE:

DATE:

PROBATION REPORT
(MUST BE TYPED)

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

Final Engineering services to prepare a site layout, as well as site grading & drainage, site utilities layout/tie ins, cross sections, and hydrology report for Final Permit review & approval, along with Administrative Services to coordinate with Client, Client's representatives and jurisdictional agencies as necessary throughout the application process.

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

I am performing all phases of Scope of Services from beginning to final submittal, and I participate in all correspondence with Client, Client's representatives, jurisdictional agencies as necessary during design phase. Currently working with various jurisdictions through redlines, meetings, etc.

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

I acted in a professional and ethical manner in all aspects of the project, and I did not affix a stamp to any of the drawings or reports submitted. I also did not represent during any interactions as a currently licensed PE.

SIGNATURE:

DATE:

PROBATION REPORT
(MUST BE TYPED)

PROBATIONER: Douglas Fellenz PE/PLS #:

EMPLOYER: TEC Engineering

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: July 18, 2023 THROUGH: Sept 17, 2023

CLIENT

NAME: Stanley Lucas c/o Don Smit, Project One Nevada LLC

ADDRESS: 490 Hot Springs Road

CITY: Carson City STATE: NV ZIP CODE: 89706

PROJECT

NAME: SH Estates Phase 1 – Civil Improvement Plans

LOCATION OF PROJECT: Stagecoach, APN 015-365-(01-04)/015-371-(05-08)/ 015-451-01

CITY: Lyon County STATE: NV ZIP CODE: multiple

SIZE: 497.52-acres START DATE: April 19, 2023 END DATE: ongoing

STATUS OF PROJECT: Final Construction Plans

FEE PAID BY CLIENT: \$247,920+

SCOPE OF WORK:

Final Engineering services to prepare construction drawings for Phase 1 of the overall project, including subdivision layout, roadway alignments and lot/building configurations, as well as site grading & drainage, site utilities layout/tie ins, plan & profiles, and final hydrology report for Final Subdivision Permit review & approval, along with Administrative Services to coordinate with Client, Client's representatives and jurisdictional agencies as necessary throughout the application process.

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

I am performing all phases of Scope of Services from beginning to final submittal, and I participate in all correspondence with Client, Client's representatives, jurisdictional agencies as necessary during design phase.

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

I am acting in a professional and ethical manner in all aspects of the project, and I will not be affixing a stamp to any of the drawings or reports submit. I also do not represent during any interactions as a currently licensed PE.

SIGNATURE: Douglas Fellenz

DATE: October 24, 2023

PROBATION REPORT
(MUST BE TYPED)

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

Final Engineering services to prepare a site layout, as well as site grading & drainage, site utilities layout/tie ins, cross sections, and hydrology report for Final Permit review & approval, along with Administrative Services to coordinate with Client, Client's representatives and jurisdictional agencies as necessary throughout the application process.

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

I am performing all phases of Scope of Services from beginning to final submittal, and I participate in all correspondence with Client, Client's representatives, jurisdictional agencies as necessary during design phase. Currently working with various jurisdictions through redlines, meetings, etc.

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

I acted in a professional and ethical manner in all aspects of the project, and I did not affix a stamp to any of the drawings or reports submitted. I also did not represent during any interactions as a currently licensed PE.

SIGNATURE:

DATE:

PROBATION REPORT
(MUST BE TYPED)

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

Preliminary & Final Engineering services to prepare a site layout, as well as site grading & drainage, site utilities layout/tie ins, cross sections, and hydrology report for Preliminary & Final Permit review & approval, along with Administrative Services to coordinate with Client, Client's representatives and jurisdictional agencies as necessary throughout the application process.

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

I am performing all phases of Scope of Services from beginning to final submittal, and I participate in all correspondence with Client, Client's representatives, jurisdictional agencies as necessary during design phase. Currently working with different jurisdictions through redline process, meetings, etc.

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

I am acting in a professional and ethical manner in all aspects of the project, and I will not be affixing a stamp to any of the drawings or reports submit. I also do not represent during any interactions as a currently licensed PE.

SIGNATURE:

DATE:

PROBATION REPORT
(MUST BE TYPED)

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

Final Engineering services to prepare a final design site layout, as well as site grading & drainage, site utilities layout/tie ins, cross sections, and hydrology report for Final Site Improvement Permit review & approval, along with Administrative Services to coordinate with Client, Client's representatives and jurisdictional agencies as necessary throughout the application process.

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

I am performing all phases of Scope of Services from beginning to final submittal, and I participate in all correspondence with Client, Client's representatives, jurisdictional agencies as necessary during design phase.

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

I am acting in a professional and ethical manner in all aspects of the project, and I will not be affixing a stamp to any of the drawings or reports submit. I also do not represent during any interactions as a currently licensed PE.

SIGNATURE:

DATE:

PROBATION REPORT
(MUST BE TYPED)

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

Preliminary & Final Engineering services to prepare a site layout, as well as site grading & drainage, site utilities layout/tie ins, cross sections, and hydrology report for Final Permit review & approval, along with Administrative Services to coordinate with Client, Client's representatives and jurisdictional agencies as necessary throughout the application process.

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

I am performing all phases of Scope of Services from beginning to final submittal, and I participate in all correspondence with Client, Client's representatives, jurisdictional agencies as necessary during design phase. Currently working with various jurisdictions through redlines, meetings, etc.

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

I am acting in a professional and ethical manner in all aspects of the project, and I will not be affixing a stamp to any of the drawings or reports submit. I also do not represent during any interactions as a currently licensed PE.

SIGNATURE:

DATE:

PROBATION REPORT
(MUST BE TYPED)

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

Re-Design: Final Engineering services to prepare site layout, grading drainage, utility plan, details, SWPPP, final hydrology report and final sewer report for Construction Drawings review & approval, along with Administrative Services to coordinate with Client, Client's representatives and jurisdictional agencies as necessary throughout the process. Plans approved – project complete & constructed

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

I performed all phases of Scope of Services from beginning to final submittal, and participated in all correspondence with Client, Client's representatives, jurisdictional agencies as necessary during design phase. Currently working through redline comments from City & TMWA.

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

I acted in a professional and ethical manner in all aspects of the project, and I did not affix a stamp to any of the drawings or reports submitted. I also did not represent during any interactions as a currently licensed PE.

SIGNATURE:

DATE:

PROBATION REPORT
(MUST BE TYPED)

PROBATIONER: PE/PLS #:

EMPLOYER:

PROBATION REPORT SUBMITTED FOR THE PERIOD OF: THROUGH:

CLIENT

NAME:

ADDRESS:

CITY: STATE: ZIP CODE:

PROJECT

NAME:

LOCATION OF PROJECT:

CITY: STATE: ZIP CODE:

SIZE: START DATE: END DATE:

STATUS OF PROJECT:

FEE PAID BY CLIENT:

SCOPE OF WORK:

Final Engineering Design services to prepare site layout, grading drainage, utility plan, cross sections, profiles, hydrology report and sewer report, details, TMWA plans, etc. for final approval for Construction, along with Administrative Services to coordinate with Client, Client's representatives and jurisdictional agencies as necessary throughout the application and entitlement process.

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

I am currently performing all phases of Scope of Services from beginning to final submittal, and participate in all correspondence with Client, Client's representatives, jurisdictional agencies as necessary during design phase. (Initial Submittal made August 1, 2022). Worked through value engineering aspects of the project, and have begun revision of all plan sheets per new layout.

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

I acted in a professional and ethical manner in all aspects of the project, and I did not affix a stamp to any of the drawings or reports submitted. I also did not represent during any interactions as a currently licensed PE.

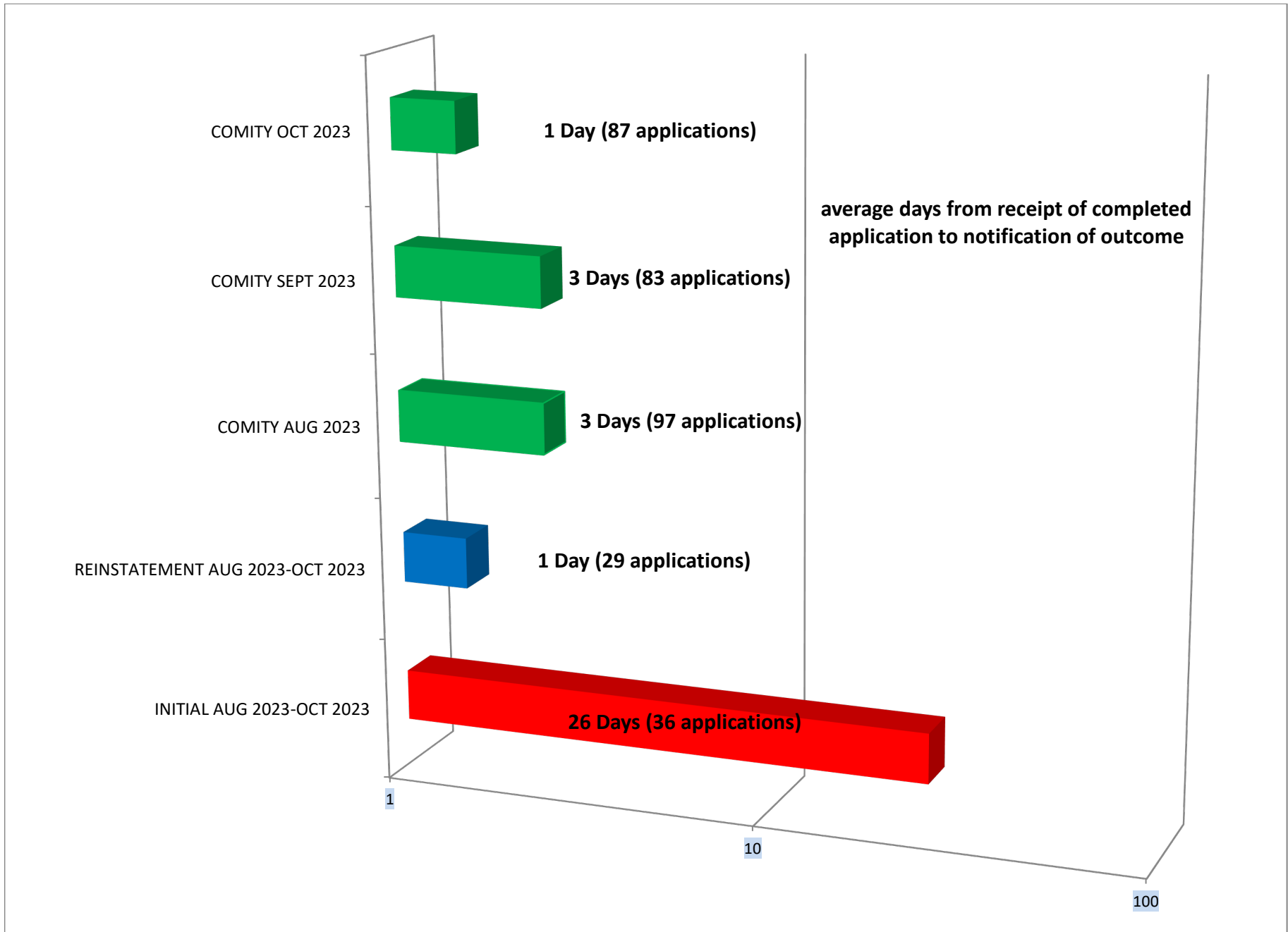
SIGNATURE:

DATE:

11. Board Counsel Report

12. Executive Director Report

12.a. Approved Licensees Report



12.b. 2021-2025 Strategic Plan



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 Surveyors developed a comprehensive Strategic Plan in March 2017. The plan was created using a 10-30 year planning horizon based on the board'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**

12.c. NCEES

13. Committee Reports

13.a. Administrative Procedures Oversight Committee


13.b. Legislative Committee

13.c. Professional Association Liaison Committee

13.d. Public Outreach Committee

13.e. PLS Standards of Practice Subcommittee

14. Financial Audit Report for Fiscal Year 2022-2023



Nevada State Board of Professional
Engineers and Land Surveyors
Reno, Nevada

Financial Report
Year Ended June 30, 2023

Nevada State Board of Professional Engineers and Land Surveyors

Year Ended June 30, 2023

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Casey Neilson, Inc.
Accountants and Advisors

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors of
Nevada State Board of Professional Engineers and Land Surveyors
Reno, Nevada

Opinions

We have audited the accompanying financial statements of the governmental activities, and the major fund, of the Nevada State Board of Professional Engineers and Land Surveyors ("the Board") as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the Board's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, and the major fund, of the Board, as of June 30, 2023, and the respective changes in financial position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Board, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Change in Accounting Principle

As described in Note 1 to the financial statements, in 2023, the Board adopted new accounting guidance, GASB Statement No. 96 *Subscription Based Technology Arrangements*. Our opinion is not modified with respect to this matter.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Board's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Board's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Board's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, budgetary comparison information, and the schedule of changes in other postemployment benefits be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency

with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated **Date Pending**, on our consideration of the Board's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Board's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Board's internal control over financial reporting and compliance.

Casey Nelson

Carson City, Nevada
Date Pending

Draft

Management's Discussion and Analysis

Draft

The Board members' and management's discussion and analysis of the Nevada State Board of Professional Engineers and Land Surveyors (the "Board") financial position and activities for the fiscal year ended June 30, 2023 is presented in conjunction with the audited financial statements.

Financial Highlights

- As of June 30, 2023, net position was \$1,482,086, which was a decrease of \$50,419 when compared to the 2022 balance of \$1,532,505.
- Total program revenues increased by \$31,446 compared to the prior year. The Board experienced an increase in interest income due to the increase in rates. As in the prior year, the Board was unable to hold a professional development event.
- Total expenses increased by \$219,763 primarily due to a increases in salaries, database/website design, merchant service fees, program service fees, and travel expenses.

Overview of Annual Financial Report

Management's Discussion and Analysis (MD&A) serves as an introduction to, and should be read in conjunction with, the basic audited financial statements and supplementary information. The MD&A represents the Board members' and management's examination and analysis of the Board's financial condition and performance. Summary financial statement data, key financial and operational indicators used in the Board's strategic plan, budget, and other management tools were used for this analysis.

The Board uses the modified accrual basis of accounting for fund financial statement reporting. The financial statements have been prepared in accordance with generally accepted accounting principles as they apply to governmental units. The fund financial statements include a balance sheet, a statement of revenues, expenditures, and changes in fund balance, and notes to the financial statements.

The Statement of Net Position and Governmental Fund Balance Sheet present the financial position of the Board on both the modified accrual basis under the general fund and the full accrual basis as net position. This statement provides information on the Board's assets and liabilities, with the difference reported as net position. Over time, increases and decreases in net position are one indicator of whether the financial position of the Board is improving or deteriorating.

The Statement of Net Position and Governmental Fund Balance Sheet provide information about the nature and amount of resources and obligations at year-end. The Statement of Activities and Governmental Fund Revenues, Expenditures and Changes in Fund Balance presents the results of the activities over the course of the fiscal year and information as to how the fund balance and net position changed during the year. The fund balance focuses on near-term inflows and outflows of spendable resources, as well as on balances of spendable resources available at the end of the fiscal year, while changes in net position under the full accrual method are recorded as soon as the underlying event giving rise to the change occurs, regardless of timing of the related cash flows. This statement also provides certain information about the Board's recovery of its costs.

Overview of Annual Financial Report (Continued)

The notes to the financial statements provide required disclosures and other information that are essential to a full understanding of material data provided in the basic financial statements. The notes present information about the Board's accounting policies, significant account balances and activities, material risks, obligations, commitments, contingencies and subsequent events, if any.

The financial statements were prepared by the Board's staff from the detailed books and records of the Board. The financial statements were audited during the independent external audit process.

Condensed Financial Information

**Condensed Statement of Net Position
 For Fiscal Years Ended June 30, 2023 and 2022**

	<u>2023</u>	<u>2022</u>
Assets:		
Current assets	\$ 2,656,490	\$ 2,631,235
Non-current assets:		
Capital assets	<u>694,576</u>	<u>495,185</u>
Total Assets	<u>3,351,066</u>	<u>3,126,420</u>
Deferred Outflows	<u>14,666</u>	<u>27,609</u>
Liabilities		
Current liabilities	1,051,534	120,387
Noncurrent liabilities	<u>800,434</u>	<u>681,939</u>
Total Liabilities	<u>1,851,968</u>	<u>802,326</u>
Deferred Inflows	<u>31,678</u>	<u>819,198</u>
Net Position:		
Investment in capital assets	694,576	495,185
Unrestricted	<u>787,510</u>	<u>1,037,320</u>
Total net position	<u>\$ 1,482,086</u>	<u>\$ 1,532,505</u>

The net position decreased by \$50,419 due to the current year net loss and a prior period adjustment.

Condensed Financial Information (Continued)

Revenues, expenses, and changes in net position are summarized in the table below.

**Condensed Statement of Activities
 For Fiscal Years Ended June 30, 2023 and 2022**

	<u>2023</u>	<u>2022</u>
Revenues:		
Program:		
Charges for services	\$ 1,072,163	\$ 1,040,717
General:		
Other	<u>44,350</u>	<u>6,194</u>
Total revenue	<u>1,116,513</u>	<u>1,046,911</u>
Expenses:		
Board expenditures	<u>1,123,577</u>	<u>903,814</u>
Prior Period Adjustment	(43,355)	-
Change in net position	<u>\$ (50,419)</u>	<u>\$ 143,097</u>

As noted in the financial highlights, increases in total expenses are attributable to database and website design, travel, and salaries

General Fund Budgetary Comparison

The original budget was passed with expenditures expected to exceed revenues by \$171,000. Actual results show revenues exceeded the final budget by \$90,113 mainly due to the corporate registrations exceeding budget by \$20,500 and interest exceeding budget by \$34,350. Expenditures were less than the final budget by \$53,993 mainly due to the database improvements being less than the budgeted amount by \$79,275, legal being less than the budgeted amount by \$14,000, and training and conferences being less than the budgeted amount by \$12,952. Total expenditures exceeded revenues by \$26,894.

Noncurrent assets

The Board has a total of \$94,248 in net capital assets as of the year ended June 30, 2023. These assets include intangible web design costs, office equipment and furnishings. See Note 4 for additional information on the Board’s capital assets. The Board also has \$41,218 for capital assets in progress for an new registration software that is not yet completed. The Board has \$541,895 in net right of use lease assets. Due to the implementation of GASB 96 – *Subscription Based Technology Agreements*, the Board has \$17,215 in a right of use subscription assets.

Nevada State Board of Professional Engineers and Land Surveyors

Management's Discussion and Analysis

June 30, 2023

Economic and Other Factors

It's been over a decade since the Great Recession impacted Nevada's economy. Out of all the US states in recent years, Nevada experienced the greatest employment growth during the recovery period, and that included growth in numbers of engineers seeking licensure in Nevada. Nevada's efforts to diversify its economy resulted in professional sector expansion. Eclectic companies relocated to Nevada and we experienced growth in small, medium, and large technology companies.

Early 2020, the world economy was devastated by a pandemic. On March 17, 2020, Nevada Governor Sisolak ordered all non-essential businesses to close for 30 days to slow the spread of COVID-19. Widespread lockdown restrictions for the remainder of the fiscal year resulted in a massive spike in unemployment, rivaling the Great Recession. The devastating impacts will likely not be fully known for many years. Although the Board was impacted by a loss of revenues in 2021, this has rebounded in 2022 and program revenues are at pre-pandemic levels.

In fiscal year 2022/2023 Nevada had 156 professional engineers and 13 professional land surveyors retire or withdraw their license and added 1,256 new licensees (1,219 engineers and 37 land surveyors) bringing the total number of current licensed professionals to 15,804 (15,151 engineers and 653 land surveyors). About 14% of the new licensees are licensed for the first time and the remaining 86% are licensed by comity/endorsement. An indeterminate number of licensees chose to not renew their license. A licensee can renew their license within six months of license expiration with a late fee. After six months of non-renewal, a licensee is considered delinquent.

Program Enhancements

In 2008, the downturn in the Nevada economy significantly impacted the number of Nevada licensees. According to the Nevada chapter of American Consulting Engineering Companies, Nevada lost 60% of its engineers. The loss of licensees negatively impacted Board revenues requiring the Board to aggressively cut expenses and defer expenses related to program enhancements. The Board continues to work to decrease expenses. The goal has been to improve current automated processes related to licensure and renewals and to automate other customer services such as firm registration and corporate name requests while also improving customer service. In automating processes, staff time is reduced resulting in lower labor costs and expenses are reduced by eliminating paper, printing, and mailing costs.

Deferred enhancements and program improvements are described in the Board's business plan. Because of the Board's healthy reserves built up during the recovery period following the Great Recession, the focus continues to be on addressing deferred enhancements. These include improving customer service while streamlining and speeding the licensing process and eliminating manual processing and manual office functions where possible. The Board is committed to continue automating processes, improving customer experience, and reducing staff time and resources needed to complete transactions.

Contacting the Board's Financial Management

This financial report is designed to provide a general overview of the Board's finances and to demonstrate the Board's accountability for the money it receives. If you have questions about this report or need additional financial information, please contact the Board at (775) 688-1231.

Basic Financial Statements

Draft

**Nevada State Board of Professional Engineers and Land Surveyors
Statement of Net Position and Governmental Fund Balance Sheet
June 30, 2023**

	General Fund	Adjustments (Note 9)	Statement Net Position
Assets			
Current assets			
Cash and cash equivalents	\$ 1,026,519	\$ -	\$ 1,026,519
Investments	1,607,223	-	1,607,223
Prepaid expenses	22,748	-	22,748
Total current assets	2,656,490	-	2,656,490
Noncurrent assets			
Capital assets:			
Depreciated, net of accumulated depreciation	-	94,248	94,248
Capital assets in progress	-	41,218	41,218
Right of use subscription asset, net of accumulated amortization	-	17,215	17,215
Right of use lease asset, net of accumulated amortization	-	541,895	541,895
	-	694,576	694,576
Total assets	\$ 2,656,490	694,576	3,351,066
Deferred Outflows of Resources			
Deferred outflows related to OPEB	-	14,666	14,666
Total deferred outflows of resources	-	14,666	14,666
Liabilities			
Current liabilities			
Accounts payable	\$ 27,225	-	27,225
Accrued payroll	10,295	-	10,295
License fees received in advance	886,125	-	886,125
Current portion of lease liability	-	74,288	74,288
Current portion of subscription Liability	-	18,822	18,822
Accrued compensated absences	-	34,177	34,177
Total current liabilities	923,645	127,287	1,050,932
Noncurrent liabilities			
Lease liability	-	490,961	490,961
Net OPEB liabilities	-	310,075	310,075
Total current liabilities	-	801,036	801,036
Total liabilities	923,645	928,323	1,851,968
Deferred Inflows of Resources			
Deferred inflows related to OPEB	-	31,678	31,678
Total deferred inflows of resources	-	31,678	31,678
Fund Balance/Net Position			
Fund balance:			
Nonspendable	22,748	(22,748)	-
Assigned	380,000	(380,000)	-
Unassigned	1,330,097	(1,330,097)	-
Total fund balance	1,732,845	(1,732,845)	-
Total liabilities, deferred inflows, and fund balance	\$ 2,656,490		
Net Position			
Investment in capital and right of use assets		694,576	694,576
Unrestricted		787,510	787,510
Total net position		\$ 1,482,086	\$ 1,482,086

Nevada State Board of Professional Engineers and Land Surveyors
Statement of Activities and Governmental Fund Revenues, Expenditures and Changes in Fund
Balance
For the year ended June 30, 2023

	General Fund	Adjustments (Note 9)	Statement of Activities
Expenditures/Expenses			
Board expenditures	\$ 1,143,407	\$ (19,830)	\$ 1,123,577
Program Revenues			
Charges for services	1,072,163	-	1,072,163
Net program expenses	(71,244)	19,830	(51,414)
General Revenues			
Investment income	44,350	-	44,350
Deficit of revenues over expenditures	(26,894)	26,894	-
Change in net position	-	(7,064)	(7,064)
Fund Balance/Net Position			
Beginning of year	1,803,094	(270,589)	1,532,505
Prior period adjustment Correction of an error	(43,355)	-	(43,355)
Fund balance/net position as restated	1,759,739	(270,589)	1,489,150
End of year	\$ 1,732,845	\$ (250,759)	\$ 1,482,086

Nevada State Board of Professional Engineers and Land Surveyors

Notes to Financial Statements

June 30, 2023

Note 1 –Summary of Significant Accounting Policies

Introduction

The Nevada State Board of Professional Engineers and Land Surveyors (the “Board”) was created in 1919 and is regulated by the Nevada Revised Statutes (NRS) 625, which also specifies the authorized activities of the Board. The fund is used to account for the proceeds of licensing and examination fees and other revenues that are legally restricted to expenditures for specified purposes.

The financial statements of the Board have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP) as applied to government units. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The significant accounting principles and policies utilized by the government are described below.

Description of Government-Wide Financial Statements

The government-wide financial statements (i.e., the statement of net position and the statement of activities) report information on all of the nonfiduciary activities of the primary government. Governmental activities, which normally are supported by taxes, intergovernmental revenues, and other nonexchange transactions, are reported separately from business-type activities, which rely to a significant extent on fees and charges to external customers for support. Likewise, the primary government is reported separately from certain legally separate component units for which the primary government is financially accountable.

Financial Reporting Entity

The accompanying financial statements present the primary government, organizations for which the primary government is financially accountable, and other organizations for which the primary government is not accountable, but for which the nature and significance of their relationship with the primary government are such that exclusion would cause the reporting entity's financial statements to be misleading or incomplete. Component units are legally separate organizations for which the elected officials are financially accountable or whose exclusion would render the financial statements misleading because of nature and significance of their relationship. According to this criteria, the Board has not identified any component units that are required to be included in the basic financial statements.

Effective July 1, 2001, Chapter 353 of the Nevada Revised Statutes (NRS) was amended to exempt certain professional and occupational boards from the state budget act and the provisions governing the administration of state funding. The provisions of Chapter 353 do not apply to boards created pursuant to chapters 623 to 625A, inclusive, 628, 630 to 640A, inclusive, 641 to 644, inclusive, 654 and 656 of the NRS and the officers and employees thereof. Accordingly, the Board's budgeting and accounting practices and procedures have been removed from the oversight of the Department of Administration. The Board's financial statements are not included in the financial statements of the State of Nevada since the State does not exercise financial or administrative control over the Board.

Note 1: Summary of Significant Accounting Policies (Continued)

Basis of Presentation - Government-Wide Financial Statements

While separate government-wide and fund financial statements are presented, they are interrelated. The governmental activities column incorporates data from governmental funds.

Basis of Presentation - Fund Financial Statements

The fund financial statements provide information about the government's funds. The emphasis of fund financial statements is on major governmental funds, each displayed in a separate column. Major individual governmental funds are reported as separate columns in the fund financial statements.

The government reports the following major governmental funds:

The *general fund* is the government's primary operating fund. It accounts for all financial resources of the general government.

Measurement Focus and Basis of Accounting

The government-wide financial statements are reported using the economic resources measurement focus. The government-wide financial statements are reported using the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded at the time liabilities are incurred, regardless of when the related cash flows take place.

Governmental funds are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Under this method, revenues are recognized when measurable and available. The government considers all revenues reported in the governmental funds to be available if the revenues are collected within sixty days after year-end. Charges for services and interest are considered to be susceptible to accrual. Expenditures are recorded when the related fund liability is incurred, except compensated absences, which are recognized as expenditures only when payment is due. Capital asset acquisitions are reported as expenditures in governmental funds.

Budgetary Basis of Accounting

The Executive Director prepares an annual budget. Approval and revisions of the budget are performed by the Board's Administrative Procedures Oversight Committee. The final budget is prepared on a basis similar to generally accepted accounting principles and is approved by the Board Members at a public meeting held typically in May of each year for the upcoming fiscal year.

Cash and Cash Equivalents

The government's cash and cash equivalents are considered to be cash on hand, demand deposits, and short-term investments with original maturities of three months or less from the date of acquisition.

Nevada State Board of Professional Engineers and Land Surveyors

Notes to Financial Statements

June 30, 2023

Note 1: Summary of Significant Accounting Policies (Continued)

Investments

Investments consisting of time certificates of deposit are stated at cost which approximates fair market value and are not subject to fair value reporting requirements. By statutes, all investments must be deposited in entities that are located in the state of Nevada.

Capital Assets

Capital assets, which include intangible web site costs, furniture, fixtures, and equipment, are reported in the applicable governmental column in the government-wide financial statements. Capital assets are defined by the government as assets with an initial, individual cost of more than \$1,000 and an estimated useful life in excess of two years. Donated assets are recorded at their estimated acquisition value at the date of donation. The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend asset lives are not capitalized. Capital assets are depreciated using the straight-line method over five to fifteen years.

Deferred Outflows/Inflows of Resources

In addition to assets, the statement of net position and/or balance sheet will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period and so will not be recognized as an outflow of resources (expense/expenditure) until then. The Board has \$14,666 attributable to other post employment benefits ("OPEB") that qualifies for reporting in this category.

In addition to liabilities, the statement of net position and/or governmental fund balance sheet will sometimes report a separate section of deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period and so will not be recognized as an inflow of resources (revenues) until that time. The Board has \$31,678 attributable to OPEB that qualifies for reporting in this category.

Deferred Revenue

The Board administers its licensing registration on a rotating biennial basis. Licensing fees are received at the beginning of the licensing period and are recognized evenly over the renewal period. Renewals are for two years and occur on a rotating schedule based on the licensees last name. Renewals take place on 6/30 and 12/31 over the two year period.

Compensated Absences

It is the Board's policy to permit employees to accumulate earned but unused vacation benefits up to 240 hours. Unused vacation pay will be paid upon termination to all employees. Vacation pay is accrued when incurred and reported as a liability in the government-wide financial statements. It is reported as a liability in the fund statements only when payment is due. It is also the Board's policy to grant regular full-time employees 80 hours per year of PTO (personal time off). Each eligible employee is given 80 hours of PTO effective January of each calendar year. Unused PTO hours at the end of the year are not paid to employees or carried over to the next calendar year.

Note 1: Summary of Significant Accounting Policies (Continued)

OPEB Liabilities

For purposes of measuring the OPEB liabilities, deferred outflows/inflows of resources, and benefit expenses, information about the fiduciary net position of the Public Employees' Benefit Program (PEBP) and PEBP's fiduciary net positions have been determined on the same basis as they are reported by PEBP. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Net Position Flow Assumption

Sometimes the government will fund outlays for a particular purpose from both restricted and unrestricted resources. In order to calculate the amounts to report as restricted - net position and unrestricted - net position in the government-wide statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the government's policy to consider restricted - net position to have been depleted before unrestricted - net position is applied.

Fund Balance Flow Assumptions

Sometimes the government will fund outlays for a particular purpose from both restricted and unrestricted resources (the total of committed, assigned, and unassigned fund balance). In order to calculate the amounts to report as restricted, committed, assigned, and unassigned fund balance in the governmental fund financial statements a flow assumption must be made about the order in which the resources are considered to be applied. It is the government's policy to consider restricted fund balance to have been depleted before using any of the components of unrestricted fund balance. Further, when the components of unrestricted fund balance can be used for the same purpose, committed fund balance is depleted first, followed by assigned fund balance. Unassigned fund balance is applied last.

Fund Balance Policies

Fund balance of governmental funds is reported in various categories based on the nature of any limitations requiring the use of resources for specific purposes. The government itself can establish limitations on the use of resources through either a commitment (committed fund balance) or an assignment (assigned fund balance). Below are definitions of the how these balances are reported.

Nonspendable Fund Balance - The nonspendable fund balance classification includes amounts that cannot be spent because they are either (a) not in spendable form or (b) legally or contractually required to be maintained intact. The "not in spendable form" criterion includes items that are not expected to be converted to cash, for example inventories and prepaid amounts. The Board has nonspendable balances of \$22,748 relating to prepaid amounts.

Restricted Fund Balance - The restricted fund balance classification refers to amounts that are subject to outside restrictions, not controlled by the entity. Examples of these restrictions could be those imposed by creditors, grantors, contributors, or laws and regulations of other governments, or imposed by law through constitutional provisions or enabling legislation. The Board has no restricted fund balances.

Nevada State Board of Professional Engineers and Land Surveyors

Notes to Financial Statements

June 30, 2023

Note 1: Summary of Significant Accounting Policies (Continued)

Fund Balance Policies (Continued)

Committed Fund Balance - The Board commits fund balance by making motions or passing resolutions to adopt policy or to approve contracts. Committed fund balance also incorporates contractual obligations to the extent that existing resources in the fund have been specifically committed for use in satisfying those contract requirements. The Board has no balances that are committed at year end.

Assigned Fund Balance - The assigned fund balance classification refers to amounts that are constrained by the Board's intent to be used for a specific purpose, but are neither restricted nor committed. Intent may be expressed by the Board to assign amounts to be used for specific purposes. The Board has assigned a total of \$380,000 at year end, which includes \$30,000 for website improvements - Phase 2, \$175,000 for a Data System Comprehensive Upgrade, and \$175,000 for an Electronic Submittal/Digital Signature Pathway.

Unassigned Fund Balance - The unassigned fund balance classification is the residual classification for amounts in the General Fund for amounts that have not been restricted, committed, or assigned to specific purposes within the General Fund. The Board has unassigned balances of \$1,330,097 at year end.

Minimum Fund Balance Policy - It is the desire of the Board to maintain an adequate General Fund balance to maintain liquidity and in anticipation of economic downturns or natural disasters. The Board has adopted a financial standard to maintain a General Fund minimum fund balance of 18 months of budgeted expenditures.

Program Revenues

Amounts reported as program revenues include 1) charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by a given function or segment and 2) grants and contributions (including special assessments) that are restricted to meeting the operational or capital requirements of a particular function or segment. All interest income is reported as general revenues rather than as program revenues.

New Accounting pronouncements

During the year ended June 30, 2023 the Board implemented the provisions of GASB Statement No. 96, *Subscription Based Technology Arrangements*. The objective of this statement is to better meet the information needs of financial statement users by improving accounting and financial reporting for subscriptions of technology that carries a right to use the underlying assets. This statement increases the usefulness of the Board's financial statement users by requiring recognition of certain subscription assets and liabilities similar to operating leases under GASB 87. Under this statement the organization is required to recognize a right of use asset and subscription liability. No change in accounting estimate is required as the agreement subject to GASB 96 was entered into in the current year.

Note 2: Compliance with Nevada Revised Statutes and the Nevada Administrative Code

It is believed that the Board conformed to all significant statutory constraints on its financial administration during the year under Nevada Revised Statutes 218 and 625.

Note 3: Cash Deposits with Financial Institutions

Custodial credit risk-deposits. In the case of deposits, this is the risk that in the event of a bank failure, the government’s deposits may not be returned to it. The government does not have a deposit policy for custodial credit risk. As of June 30, 2023, the government’s bank balance was \$2,633,742 and the entire amount was insured or collateralized with securities held by the pledging or financial institution’s trust department or agent in the government’s name.

Note 4: Capital Assets

The governmental activities capital asset activity for the year ended June 30, 2023, is as follows:

	Balance July 1, 2022	Additions	Deletions	Balance June 30, 2023
Capital assets being depreciated:				
Web site costs	\$ 20,000	\$ -	\$ -	\$ 20,000
Furniture, fixtures and equipment	286,621	26,475	(2,563)	310,533
Total capital assets being depreciated:	306,621	26,475	(2,563)	330,533
Less accumulated depreciation for:				
Web site costs	19,997	3	-	20,000
Furniture, fixtures and equipment	185,585	33,263	(2,563)	216,285
Total accumulated depreciation	205,582	33,266	(2,563)	236,285
Total capital assets	\$ 101,039	\$ (6,791)	\$ -	\$ 94,248

Note 5: Defined Contribution Benefit Plan

The Nevada State Board of Professional Engineers and Land Surveyors contribute to a SEP-IRA established January 1, 1994. To be eligible for these benefits, the employees must be eighteen years of age, full-time status, and have provided six months of service. The Board contributed 8% of gross wages, or \$38,521, for eligible employees, for the year ended June 30, 2023.

Nevada State Board of Professional Engineers and Land Surveyors

Notes to Financial Statements

June 30, 2023

Note 6: Leases

The Board currently leases office space in Reno, Nevada. The lease term commenced on October 10, 2018 and expires on December 31, 2028, with monthly rental payments ranging from \$4,380 to \$4,930. The Board also currently leases office space in Las Vegas, Nevada. The lease term commenced on January 15, 2018 and ended January 31, 2023, with monthly rental payments starting at \$2,275 per month for the first year and increasing each year to \$2,589 per month in the final year. The Board signed a new lease for the Las Vegas Office that commenced in February 2023 and expires January 31, 2033, with payments ranging from \$2,038 per month in the first year to \$2,659 in the final year. In addition the Board pays for their proportionate share of operating expenses. At the time of initial measurement there was no interest rate specified in the original lease agreement. Accordingly, the Board has used an incremental borrowing rate equal to the three year treasury rate as reported by the Wall Street Journal to discount the annual lease payments to recognize the intangible right to use these assets and the lease liabilities as of June 30, 2023.

	Balance July 1, 2022	Additions	Deletions	Balance June 30, 2023
Lease assets:				
Lease assets, office	\$ 702,932	\$ 227,522	\$ (114,109)	\$ 816,345
Less: accumulated amortization	<u>308,786</u>	<u>79,773</u>	<u>(114,109)</u>	<u>274,450</u>
	<u>\$ 394,146</u>	<u>\$ 147,749</u>	<u>\$ -</u>	<u>\$ 541,895</u>

Lease obligations are as follows:

	Balance July 1, 2022	Additions	Deletions	Balance June 30, 2023	Amount due in one year
Lease liabilities:					
Office	<u>\$ 416,599</u>	<u>\$ 227,522</u>	<u>\$ (78,872)</u>	<u>\$ 565,249</u>	<u>\$ 74,288</u>

Nevada State Board of Professional Engineers and Land Surveyors
 Notes to Financial Statements
 June 30, 2023

Note 6: Leases (Continued)

The following is a schedule by years of future minimum rental payments for the remaining terms of the leases for the years ending June 30 separated in the amounts to be recorded as principal and interest related to the lease liabilities:

<u>Year Ending June 30</u>	<u>Principal</u>	<u>Interest</u>
2024	\$ 74,288	\$ 10,517
2025	77,742	9,606
2026	81,337	8,629
2027	85,087	7,581
2028	88,989	6,459
2029 - Thereafter	157,806	15,164
	<u>\$ 565,249</u>	<u>\$ 57,956</u>

Note 7: Subscription Based Technology Agreements

The Board currently has a contract with InLumon for the hosting and maintenance of the Board’s database that qualifies for capitalization under GASB 96. The contract is for two years beginning in July 2022. The payment is \$1,575 monthly for the life of the agreement. At the time of initial measurement there was no interest rate specified in the original agreement. Accordingly, the Board has used an incremental borrowing rate equal to the three year treasury rate as reported by the Wall Street Journal to discount the annual lease payments to recognize the intangible right to use the asset and the sub scription liability as of June 30, 2023.

	<u>Balance July 1, 2022</u>	<u>Additions</u>	<u>Deletions</u>	<u>Balance June 30, 2023</u>
Subscription assets:				
Subscription assets, Office	\$ -	\$ 34,430	\$ -	\$ 34,430
Less: accumulated amortization	-	17,215	-	17,215
	<u>\$ -</u>	<u>\$ 17,215</u>	<u>\$ -</u>	<u>\$ 17,215</u>

Subscription obligations are as follows:

	<u>Balance July 1, 2022</u>	<u>Additions</u>	<u>Deletions</u>	<u>Balance June 30, 2023</u>	<u>Amount due in one year</u>
Subscription liabilities:					
Office	\$ -	\$ 34,430	\$ (15,608)	\$ 18,822	\$ 18,822

Note 7: Subscription Based Technology Agreements (continued)

The following is a schedule by years of future minimum subscription payments for the remaining terms of the subscriptions for the years ending June 30 separated in the amounts to be recorded as principal and interest related to the subscription liability:

<u>Year Ending June 30</u>	<u>Principal</u>	<u>Interest</u>
2024	\$ 18,822	\$ 78
	<u>\$ 18,822</u>	<u>\$ 78</u>

Note 8: Risk Management

The government is exposed to various risks of loss related to torts, theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. In order to handle such risks of loss, the government purchases insurance coverage. The amounts of settlements have not exceeded insurance coverage for any of the past three years.

Note 9: Conversion to Government-Wide Financial Statements

Adjustments on the face of the financial statements were made to the fund balance sheet and statement of revenues, expenditures, and changes in fund balance in order to reconcile the fund financial statements to the government-wide statements of net position and statement of activities. Adjustments to the fund balance sheet include the effect of the capitalization of fixed assets of \$330,533, net of accumulated depreciation of (\$236,285), the recording of capital assets in progress of \$41,218, the recording of accrued compensated absences of \$34,177, the recording of the GASB 87 right of use asset of \$816,345 less accumulated amortization of (\$274,450), the recording of GASB 96 Subscription right of use asset of \$34,430 less accumulated amortization of (\$17,215), the current portion of lease liability of \$74,288, and the corresponding lease liability of \$490,961, the current portion of the subscription liability \$18,822, the recording of net OPEB liabilities of \$310,075, the recording of deferred outflows related to OPEB of \$14,666 and, the recording of deferred inflows related to OPEB of \$31,678. The adjustments to the statement of revenues, expenditures, and changes in fund balance include the effects of depreciation and amortization expense of \$130,253 offset by (\$26,474) in capital asset additions, the increase in compensated absences of \$5,041, the decrease in rent expense due to GASB 87 of (\$80,718), The decrease in website expenses due to the capitalization of capital assets in progress of (\$41,218), the decrease in website hosting due to GASB 96 of (\$15,750), the increase in interest expense due to GASB 87 and 96 of \$1,988, and net OPEB expense of \$7,048.

Note 10: Subsequent Events

The Board has evaluated subsequent events through **Date Pending**, the date which the financial statements were available to be issued.

Nevada State Board of Professional Engineers and Land Surveyors

Notes to Financial Statements

June 30, 2023

Note 11: Other Postemployment Benefit Obligation

The Board has implemented Governmental Accounting Standards Board Statement No. 45, Accounting and Financial Reporting by Employers for Post-Employment Benefits Other Than Pensions was replaced by Statement No. 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions. This statement establishes standards for recognizing and measuring liabilities, deferred outflows of resources, deferred inflows of resources, and expense/expenditures. The Board recognizes the cost of post-employment healthcare in the year when the employee services are received, reports the accumulated liability from prior years, and provides information useful in assessing potential demands on the Board's future cash flows. The annual funding, if paid on an ongoing basis, is projected to cover normal costs each year and to amortize any unfunded liabilities (or funding excess) over a period not to exceed thirty years.

Plan Description and Eligibility

Certain employees of the State of Nevada ("State") are provided with OPEB through the Public Employees' Benefits Program (PEBP) – which administers a cost-sharing multiple employer defined benefit OPEB plan administered by the Public Employees' Benefits Program Board (PEBP Board) which was created in 1983 by the Nevada Legislature to administer group health, life and disability insurance for covered employees, both active and retired, of the State, and certain other participating public employers within the State of Nevada. PEBP does not provide for refunds of employee contributions. PEBP issues a publicly available financial report that can be obtained at <https://pebp.state.nv.us/>. The Board is reporting plan information consistently with the PEBP's accounting methods and assumptions as disclosed in the annual report. No information has come to our attention that indicates significant changes to the plan's disclosures.

Contributions

Legislation affords public employees of the state of Nevada (State) the opportunity to enroll, upon their retirement, in the Public Employees Benefit Program (PEBP) health insurance plan. The legislation obligates the State for a portion of the medical premiums for those retired employees who elect to enroll in the PEBP health insurance plan and retired prior to October 1, 2010 at a rate that is based upon years of service prior to retirement. For employees that retired between October 1, 2010 and September 30, 2012, the State's obligation for a portion of the medical premiums is dependent upon the PERS eligibility requirements in effect at the time of retirement. Employees that retire after October 1, 2012 may elect to enroll in the PEBP health insurance plan, but the State is not obligated for any portion of their premiums.

There are no retired employees eligible to participate in this plan, and as the Board does not participate in the State's retirement plan. The State is charging an annual fee to the Board based on a rate determined by the State and the budgeted salaries of the Board. During the year ended June 30, 2023, the Board paid the State \$10,260 for this additional fee for post-employment retirement benefits. This annual cost is expected to continue and possibly increase based on future decisions by the State to allocate post-employment retirement benefits to the Board's employees. Representatives of PEBP have indicated that the post-employment benefit liability is at PEBP's level and the Board merely pays its annual required contribution based on the fees charged by the State.

Note 11: Other Postemployment Benefit Obligation (Continued)

OPEB Liabilities, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

At June 30, 2023, the Board reported a liability of \$310,075 for its proportionate share of the net OPEB liability. The net OPEB liability was measured as of June 30, 2022, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of June 30, 2022. The Board's proportion of the net OPEB liability was based on a projection of the Board's long-term share of contributions to the OPEB plan relative to the projected contributions of all participating state agencies, actuarially determined. At June 30, 2022, the Board's proportion was 0.0215%.

For the year ended June 30, 2023, the Board recognized OPEB expense of \$7,048. At June 30, 2023, the Board reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ -	\$ 5,820
Changes of assumptions	4,406	25,764
Asset Experience	-	94
System contributions subsequent to the measurement date	10,260	-
	<u>\$ 14,666</u>	<u>\$ 31,678</u>

Amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

<u>Year ending June 30,</u>	
2024	\$ (8,066)
2025	(9,609)
2026	(9,491)
2027	(106)
	<u>\$ (27,272)</u>

Note 11: Other Postemployment Benefit Obligation (Continued)

The total OPEB liability in the actuarial valuation was determined using the following actuarial assumptions and other inputs applied to all periods included in the measurement, unless otherwise specified:

Inflation rate	2.50%
Salary increases	4.2% to 9.1%, for regular members and 4.6% to 14.5% for police/fire members
Investment rate of return	0.0354
Healthcare cost trend rates	Medical/ Prescription Drug: 4.8% initial, 4.5% final Dental: 4% Administrative costs: 3% Part B Reimbursement: 0% and 27.17%, effective July 1, 2023 and 2024, Respectively, then 4.5%

Mortality rates were based on the RP-2000 Combined Mortality projected to 2014 with Scale AA, set back one year for females. Disabled Mortality rates were based on the RP-2000 Disabled Retiree Mortality projected to 2014 with Scale AA, set forward three years.

The actuarial assumptions used in the June 30, 2022 valuation were based upon certain demographic and other actuarial assumptions as recommended by the actuary, in conjunction with the State and guidance from the GASB statement.

Note 12: Disciplinary Proceedings and Contingencies

In connection with the Board’s enforcement program as prescribed by statute and regulation, it may seek recovery from licensees for costs incurred related to the investigative and disciplinary actions taken by the Board. Judgments made by the Board included stipulations for cost recoveries; these recovery amounts are presented as part of operating revenue. In addition, the Board is authorized to impose administrative fines. The Board acts as an agent for the State of Nevada with respect to the administrative fine; thus, fines collected by the Board are remitted to the State of Nevada.

Certain claims, suits and complaints associated with the Board’s ordinary course of business are pending or may arise. The Board believes the cases are without merit and intends to vigorously defend its positions. Accordingly, these financial statements do not include a liability for amounts that may arise from these cases.

Note 13: Risks and Uncertainties

On January 30, 2020, the World Health Organization declared the coronavirus outbreak a “Public Health Emergency of International Concern” and on March 10, 2020, declared it to be a pandemic. Actions taken around the world to help mitigate the spread of COVID-19 include restrictions on travel, quarantines in certain areas, and forced closures for certain types of public places and businesses. The pandemic and actions taken to mitigate it have had and are expected to continue to have an adverse impact on the economies and financial markets of many countries, including the geographical area in which the Association operates. It is unknown how long these conditions will last and what the complete financial effect will be to Board operations.

Note 14: Prior Period Adjustment

During the year ended June 30, 2023, certain errors were identified in prior year reporting as follows:

The Board understated its deferred revenue as of June 30, 2022. The accrual for the deferred revenues was understated by \$43,355 which resulted in a net decrease to net position of \$43,355 on the Statement of Activities. The accrual was understated due to the deferrals for new licensing fees not being included in the deferred revenue calculation.

Draft

Required Supplementary Information

Draft

Nevada State Board of Professional Engineers and Land Surveyors
Budgetary Comparison Schedule - General Fund
For the year ended June 30, 2023
(With comparative totals for the year ended June 30, 2022)

	2023			Over (Under) Budget	2022
	Original Budget	Final Budget	Actual		Actual (Memo Only)
Revenues					
Fees and fines:					
Application fees	\$ 173,500	\$ 173,500	\$ 181,575	\$ 8,075	\$ 171,375
Renewal fees	771,000	771,000	773,254	2,254	759,811
Examination fees	1,500	1,500	1,700	200	3,550
Corporate registrations	70,000	70,000	90,500	20,500	91,375
Penalties and fines	-	-	15,650	15,650	6,700
Document fees	100	100	25	(75)	50
Other operating revenue	300	300	9,459	9,159	7,856
Interest income	10,000	10,000	44,350	34,350	6,194
Total revenue	1,026,400	1,026,400	1,116,513	90,113	1,046,911
Expenditures					
Current:					
Personnel services					
Board member per diem	10,000	10,000	7,425	(2,575)	5,175
Salaries	460,000	460,000	475,693	15,693	419,953
Retirement	30,000	30,000	38,521	8,521	19,908
Payroll taxes	37,800	37,800	39,056	1,256	33,982
Employee group insurance	70,000	70,000	43,999	(26,001)	41,956
Total personnel services	607,800	607,800	604,694	(3,106)	520,974
Operating					
Audit and accounting fees	25,000	25,000	25,324	324	26,936
Contract services	10,000	10,000	6,811	(3,189)	6,924
Database/website design	125,500	125,500	46,225	(79,275)	8,794
Program services	40,500	40,500	31,775	(8,725)	14,999
Equipment lease	5,000	5,000	3,465	(1,535)	2,974
Equipment/furniture	3,800	3,800	35,842	32,042	20,946
Insurance	6,100	6,100	5,400	(700)	4,275
Legal	80,000	80,000	65,283	(14,717)	45,252
Government liaison	27,600	27,600	24,000	(3,600)	19,200
Merchant service fees	28,000	28,000	54,628	26,628	31,206
Miscellaneous	-	-	6,177	6,177	2,165
Office rent	90,900	90,900	81,566	(9,334)	77,041
Office supplies	6,000	6,000	13,114	7,114	13,109
Postage	8,500	8,500	17,629	9,129	12,607
Printing and copying	6,500	6,500	8,566	2,066	5,284
Professional services	39,200	39,200	30,185	(9,015)	16,461
Training and conferences	18,000	18,000	5,048	(12,952)	4,897
Travel	53,000	53,000	50,863	(2,137)	25,179
State administrative fees	9,000	9,000	1,647	(7,353)	2,430
Telephone	7,000	7,000	9,515	2,515	9,012
Disciplinary fees paid to General Fund	-	-	15,650	15,650	6,700
Total operating	589,600	589,600	538,713	(50,887)	356,391
Total expenditures	1,197,400	1,197,400	1,143,407	(53,993)	877,365
Excess of revenue over expenditures	\$ (171,000)	\$ (171,000)	\$ (26,894)	\$ 144,106	\$ 169,546

Nevada State Board of Professional Engineers and Land Surveyors
Schedule of Changes in Other Post Employment Benefits Liability and Related Ratios
Year Ended June 30, 2023

Schedule of Changes in Net OPEB Liability
Last Ten Fiscal Years

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>
Proportion of the net OPEB liability	0.0215%	0.0215%	0.0216%	0.0230%	0.0190%
Proportionate share of the net OPEB liability	\$310,075	\$334,024	\$325,474	\$341,931	\$251,807
Covered payroll	\$489,701	\$449,411	\$442,082	\$470,736	\$378,377
Proportionate share of the net OPEB liability as a percentage of its covered payroll	63.32%	74.32%	73.62%	72.64%	66.55%
Plan fiduciary net position as a percentage of the total OPEB liability	-1.39%	-0.65%	-0.38%	0.02%	0.12%

Schedule of Contributions
Last Ten Fiscal Years

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>
Contractually required contributions	\$ 8,534	\$ 8,525	\$ 9,498	\$ 9,506	\$ 9,023
Contributions in relation to contractually required contributions	<u>(8,534)</u>	<u>(8,525)</u>	<u>(9,498)</u>	<u>(9,506)</u>	<u>(9,023)</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

*GASB Statement No. 75 requires ten years of information to be presented in these tables. However, until a full 10-year trend is compiled, the Board will present information for those years for which information is available.

Casey Neilson, Inc.
Accountants and Advisors

**INDEPENDENT AUDITOR’S REPORT ON INTERNAL CONTROL OVER FINANCIAL
REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF
FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT
AUDITING STANDARDS**

To the Board of Directors of
Nevada State Board of Professional Engineers and Land Surveyors
Reno, Nevada

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the governmental activities and the major fund of the Nevada State Board of Professional Engineers and Land Surveyors (the “Board”) as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the Board’s basic financial statements, and have issued our report thereon dated **Date Pending**.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Board’s internal control over financial reporting (“internal control”) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Board’s internal control. Accordingly, we do not express an opinion on the effectiveness of the Board’s internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity’s financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or, significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses or significant deficiencies may exist that were not identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Board's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed other matters that are required to be reported under Government Auditing Standards and which are described in the accompanying schedule of findings as item 2023-001.

The Board's Response to Findings

Government Auditing Standards requires the auditor to perform limited procedures on the Board's response to the findings identified in our audit and described in the accompanying schedule of findings and questioned costs. The Board's response was not subjected to the other auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on the response.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Board's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Board's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



Carson City, Nevada
Date Pending

2023-001: Deferred Revenue - Other Matter

Criteria: Management is responsible for establishing and maintaining an effective system of internal control over financial reporting. Providing support for the deferred revenue calculation is a key component to effective internal control over financial reporting.

Condition: During the course of the audit the audit team is provided with deposit and other supporting documentation to assist the Board with calculating deferred revenue. In the prior year the audit team did not receive the support for calculating deferred revenue for new licenses. This issue was discovered during the current year audit when the audit team did receive support for that portion of the calculation.

Cause: During the prior year audit the Board's contracted bookkeeper was implementing new processes for tracking deposits and deferred revenue and had not made a new process for the new licenses at the time. The audit team believed that the new process for tracking renewal deposits included the process for new licenses and did not accrue deferred revenue for new licenses.

Effect: Prior year financial statements were misstated

Recommendation: The Board has already placed new processes to track the deferred revenue and are taking steps to make the adjustments for deferred revenue as part of their normal processes.

Views of Responsible Officials: The Board agrees with this finding.

15. NAC 625 Updates - Small Business Impact Statement and Survey Results

List of Regulations

Regulation		Status
NAC 625.545	Written contract required for each client.	Proposed to Amend
NAC 625.655	Applicability of statutes and regulations.	Proposed to Amend
NAC 625.666	Positional certainty: Horizontal and vertical components of certain land surveys.	Proposed to Amend
NAC 625.670	Required research, identifications, measurements and computations.	Proposed to Amend
NAC 625.680	Disagreements concerning measurements or positions of monumented corners.	Proposed to Amend
NAC 625.700	Report to client of discrepancies concerning boundary lines.	Proposed to Amend
NAC 625.710	Identification and description of monuments.	Proposed to Amend
NAC 625.720	Drawing of survey; certification.	Proposed to Amend
NAC 625.740	Classifications of surveys; use of classifications and requirements for positional certainty.	Proposed to Amend
NAC 625.760	Contract drawings and specifications; special instructions.	Proposed to Amend
NAC 625.770	Verification of location of certain points; notification of insufficient dimensions or details.	Proposed to Amend
NAC 625.775	Positional certainties for marking locations of proposed fixed works.	Proposed to Amend
NAC 625.780	Sketches, cut sheets and field notes.	Proposed to Amend
NAC 625.785	Verification surveys: Exchange of information.	Proposed to Amend
NAC 625.790	Preparation of legal description of property.	Proposed to Amend

Proposed edits to NAC 625.545

Text edit made for clarity. To better manage client expectations, it is more appropriate for professionals to provide a project schedule in lieu of just a project completion date.

NAC 625.545 Written contract required for each client. (NRS 625.140) 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 the work;
 - (b) The cost for completion of the work; and
 - (c) The anticipated ~~date~~ *schedule* for completion of the work.
2. A disclosure as to whether the licensee currently maintains a policy of professional liability insurance.

(Added to NAC by Bd. of Professional Eng'rs & Land Surv. by R152-09, eff. 10-15-2010; A by R085-18, 1-30-2019)

Proposed edits to NAC 625.655

Edits made for clarity, with last sentence removed as it is not necessary.

NAC 625.655 Applicability of statutes and regulations. (NRS 625.140, 625.250) When engaging in the practice of land surveying in this State, a professional land surveyor ~~shall~~ *must* apply all applicable statutes and regulations. ~~in addition to the minimum standards of practice for professional land surveyors established in NAC 625.651 to 625.795, inclusive.~~

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92; A by Bd. of Professional Eng'rs & Land Surv., 11-14-97)

Proposed edits to NAC 625.666

Proposed changes are made to align with current technology and also conform with best practices recommended by NSPS.

NAC 625.666 Positional certainty: Horizontal and vertical components of certain land surveys. (NRS 625.140, 625.250)

1. *Surveying and mapping accuracy standard must be at the 95 percent confidence level.* The requirements for positional certainty for the horizontal component of land boundary, ~~topographic, control and geodetic~~ surveys are as follows:

Type of Survey	Positional Certainty	
	Meters	U.S. Survey Feet
Land Boundary Surveys		
High Urban.....	±0.02 m	±0.05/10 ft
Low Urban.....	±0.04 m	±0.15 ft
Suburban.....		±0.15 ft
High Rural.....	±0.1 m	±0.3 ft
Low Rural.....	±0.15 m	±0.5 ft
Control and Geodetic Surveys		
— Precise Measurement Studies.....	±0.001 m to ±0.01 m	±0.002 ft to ±0.03 ft
— State Network.....	±0.02 m	±0.05 ft
— County Network.....	±0.04 m	±0.15 ft
— Local Network.....	±0.06 m	±0.2 ft
— Photogrammetric Control.....	±0.06 m to ±1 m	±0.2 ft to ±3 ft
Topographic Surveys		
— Engineering Design Surveys.....	±0.01 m to ±0.1 m	±0.03 ft to ±0.3 ft
— Planning Study Surveys.....	±0.02 m to ±0.05 m	±0.05 ft to ±0.15 ft
— Utilities Mapping.....	±0.15 m	±0.5 ft
— Feature Mapping.....	±0.3 m	±1 ft
— Resource Mapping.....	±0.5 m to ±100 m	±1.5 ft to ±330 ft

2. The requirements for positional certainty for the vertical component of land boundary, ~~control, geodetic and topographic~~ surveys are as follows:

Type of Survey	Positional Certainty	
	Meters	U.S. Survey Feet
Land Boundary Surveys.....	±0.05 m	±0.15 ft
Control and Geodetic Surveys		
— Other Than	-	-
— Photogrammetric Control	-	-
— Surveys.....	±0.005 m to ±0.03 m	±0.02 ft to ±0.1 ft
-	-	-
— Photogrammetric Control	-	-
— Surveys.....	±0.03 m to ±0.5 m	±0.1 ft to ±1.5 ft
-	-	-
— Topographic Surveys.....	National Map Accuracy Standards	

3. ~~For the purposes of this section, the National Map Accuracy Standards, as they existed on November 14, 1997, are hereby adopted by reference. A copy of the National Map Accuracy Standards may be obtained from the United States Geological Survey, Department of the Interior, 12201 Sunrise Valley Drive, Reston, Virginia 20192, at no cost.~~ *Positional requirements as stated in section 1 and 2 above, must not be confused with the acceptance or rejection of existing controlling monuments for boundary determination.*

4. *For control surveys, the surveyor must document the horizontal and vertical datum, the coordinate system, as well as the reference points used to establish the control network, for boundary, topographic or construction surveys.*

5. *For topographic surveys that are intended to show the contour of the earth's surface, and/or the position of fixed objects, the surveyor must select the equipment and procedures to obtain the horizontal and vertical positional accuracy appropriate for the project. Typically, the positional accuracy will align with industry standards.*

6. *The documentation for the level of precision and positional accuracy must be included with any deliverable survey product, map, plat or survey. The level of precision and positional accuracy requirements must be included in the contract scope of work for the project.*

(Added to NAC by Bd. of Professional Eng'rs & Land Surv., eff. 11-14-97)

Proposed edits to NAC 625.670

Based on feedback from reviewing entities, proposed text expands detail of the minimum requirements for land boundary surveys.

NAC 625.670 Required research, identifications, measurements and computations. (NRS 625.140, 625.250) In conducting a land boundary survey, a professional land surveyor ~~shall~~ *must*:

1. Search pertinent documents, including, but not limited to, maps, deeds, title reports, title opinions and the records of the U.S. Public Land Survey System.
2. Thoroughly examine the information and data acquired, *and consider relationships and details such as:*
 - (a) *Junior/senior property rights;*
 - (b) *Retracement of the original survey;*
 - (c) *Evidence provided by existing records; and*
 - (d) *Proper application of the hierarchy of calls and the order of importance or priority of conflicting calls.*
3. Diligently search for and identify monuments and other physical evidence, including, *but not limited to, evidence of easements, physical occupation lines, and possible observed encroachments,* which could affect the location of the boundaries of the property being surveyed.
4. Conduct field measurements necessary to relate adequately the position of all apparent evidence pertinent to the boundaries of the property being surveyed.
5. Make computations to verify the correctness of field data acquired and confirm that results of measurements are within acceptable limits of tolerance. Computations must be made to determine the relative positions of all found evidence. *When a material discrepancy is found between the record and measured information, the measured information must be shown on the survey map in addition to all the pertinent record information.*

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92; A by Bd. of Professional Eng'rs & Land Surv., 11-14-97)

Proposed edits to NAC 625.680

Edit for clarity, changing “shall” to “must”.

NAC 625.680 Disagreements concerning measurements or positions of monumented corners. (NRS 625.140, 625.250) If a professional land surveyor has a material disagreement with the measurements or monumented corner positions of another land surveyor, the professional land surveyor ~~shall~~ *must* contact the other land surveyor and attempt to resolve the disagreement.

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92)

Proposed edits to NAC 625.700

Edit for clarity, changing “shall” to “must”.

NAC 625.700 Report to client of discrepancies concerning boundary lines. (NRS 625.140, 625.250) The professional land surveyor ~~shall~~ *must*:

1. Advise his or her client of discrepancies which raise doubts concerning the boundary lines of the property being surveyed; and
2. Provide a written report to the client concerning the discrepancies.

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92)

Proposed edits to NAC 625.710

Committee recommends edit to cite reference to NRS 625.350 and NRS 625.380 in the regulation header.

NAC 625.710 Identification and description of monuments. (NRS 625.140, 625.250, *625.350, 625.380*)

1. All monuments, whether set or found, must be thoroughly described and specifically identified as set or found, whenever shown on maps or referred to in documents prepared by a professional land surveyor. Descriptions of monuments must be sufficient in detail to facilitate readily future recovery and to enable positive identification, including map references.
2. If the Nevada Coordinate System, as defined in chapter 327 of NRS, is used to describe a monument:
 - (a) The control used as the coordinate basis must be shown on any maps on which the monument is shown or documents in which reference is made to the monument; and
 - (b) The source of the control data used must be described.(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92; A by Bd. of Professional Eng'rs & Land

The proposed statutes to be cited in NAC 625.710 are shown below for reference

NRS 625.350 Record of survey: Form and contents.

1. A record of survey must be a map legibly drawn in waterproof ink on tracing cloth or produced by the use of other materials of a permanent nature generally used for that purpose in the engineering profession. The size of each sheet must be 24 by 32 inches. A marginal line must be drawn completely around each sheet, leaving an entirely blank margin of 1 inch at the top, bottom and right edges, and 2 inches at the left edge along the 24-inch dimension.
2. A record of survey must show:
 - (a) All monuments found, set, reset or replaced, describing their kind, size and location and giving other data relating thereto.
 - (b) Bearing or witness monuments, the basis of bearings, bearing and length of lines and the scale of the map.
 - (c) The name and legal description of the tract in which the survey is located and any ties to adjoining tracts.
 - (d) The tie to the control network maintained by the National Geodetic Survey of the National Oceanic and Atmospheric Administration, if points of the network are established in the area in which the survey is made.
 - (e) A memorandum of oaths, if any.
 - (f) The signature and validated stamp of the surveyor who performed the survey.
 - (g) A certificate prepared by the surveyor indicating:
 - (1) The person or entity for whom the survey was performed;
 - (2) The general vicinity of the property being surveyed;
 - (3) The date the survey was completed;
 - (4) Whether monuments were found or set and, if so, their character and location as shown; and
 - (5) Any other pertinent information.
 - (h) Any other data necessary for the interpretation of the various items and locations of the points, lines and areas shown.
3. If the land surveyed is described in terms of area, the record of the survey must show the area of the land surveyed in the following manner:
 - (a) In acres, calculated to the nearest one-hundredth of an acre, if the area is 2 acres or more; or
 - (b) In square feet, if the area is less than 2 acres.
4. As used in this section, "control network" means a system of coordinates that defines latitude, longitude, height, scale, gravity and orientation throughout the United States.
[Part 15:198:1919; added 1947, 797; A 1949, 639; 1953, 196; 1955, 391]—(NRS A 1960, 138; 1985, 899, 1691; 1993, 1195; 1997, 1048)

NRS 625.380 Requirements for monuments.

1. Except as otherwise provided in subsection 3, monuments set must be sufficient in number and durability and efficiently placed so as not to be readily disturbed to ensure, together with monuments already existing, the perpetuation of facile re-establishment of any point or line of the survey.
2. Any monument set by a professional land surveyor to mark or reference a point on a property or boundary line must be permanently and visibly marked or tagged with the number of the license of the professional land surveyor setting it, each number to be preceded by the letters "P.L.S."
3. Except as otherwise provided in subsection 4, if a monument cannot be set or reset because of steep terrain, water, marsh or existing structures, or if it would be obliterated as a result of construction or maintenance of any highway under the jurisdiction of the Department of Transportation, one or more reference monuments, as defined in NRS 329.120, must be set. In addition to the requirements for a monument set forth in subsections 1 and 2, the letters "RM" must be stamped in the tablet, disc or cap of the reference monument. One reference monument may be used if it is set on the actual line or a prolongation thereof. In all other cases, at least two reference monuments must be used. If the reference monuments do not appear on a record of survey filed in accordance with the provisions of NRS 625.340 to 625.380, inclusive, a corner record must be filed pursuant to chapter 329 of NRS.
4. The provisions of subsection 3 do not apply if federal law prohibits the destruction or removal of a monument.
[Part 15:198:1919; added 1947, 797; A 1949, 639; 1953, 196; 1955, 391]—(NRS A 1989, 786; 1997, 1049; 1999, 963)

Proposed edits to NAC 625.720

Based on feedback from reviewing entities, proposed text expands detail of the minimum requirements for drawing of a survey.

NAC 625.720 Drawing of survey; certification. (NRS 625.140, 625.250, 625.350)

1. *When A a professional land surveyor shall prepares a scaled drawing of the a survey for presentation to the a client, The drawing must comply with the provisions of NRS 625.340, 625.350 and 625.565. The map must be clearly and legibly drawn in a manner typically used for creating permanent records. The scale of the map must be large enough to clearly show details. The map must include required statutory and regulatory information, and at a minimum, the following:*

- a) A scale, legend, and a north arrow;*
- b) Each sheet of the map must indicate its particular number, the total number of sheets in the map and its relation to each adjoining sheet;*
- c) All recorded, measured, mathematical information, and necessary data to locate all monuments and to locate and retrace all interior and exterior boundary lines appearing thereon, including the bearings and distances of straight lines, central angle, radii and arc length for all curves and such information as may be necessary to determine the location of the centers of curves; and*
- d) A narrative on boundary analysis when the clarity is needed to support statement of fact.*

2. In cases where a certification is required by statute or local ordinance, the professional land surveyor shall certify only those matters personally known to be true.

3. The certificate *for a Record of Survey* must be in the following form:

SURVEYOR'S CERTIFICATE

I, (name of professional land surveyor), a Professional Land Surveyor registered in the State of Nevada, certify that:

1. This plat represents the results of a survey conducted under my supervision at the instance of (owner, trustee, etc.).
2. The land surveyed lies within (section, township, range, meridian, county and city, if incorporated), and the survey was completed on (date).
3. This plat complies with applicable statutes of this State and any local ordinances in effect on the date that the survey was completed, and the survey was conducted in accordance with chapter 625 of the Nevada Administrative Code.
4. The monuments depicted on the plat are of the character shown, occupy the positions indicated and are of sufficient durability.
5. (Any other information that the professional land surveyor personally knows to be true concerning the land surveyed.)

(Validated seal of the professional land surveyor);

(Name and license number of the professional land surveyor printed below the seal).

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92; A by Bd. of Professional Eng'rs & Land Surv., 11-14-97)

Proposed edits to NAC 625.740

Recommendation to adopt the NSPS standard for classification of surveys – and also to move/re-number regulation to NAC 625.665 to have it precede positional certainty requirements.

NAC ~~625.665~~**740** Classifications of surveys; use of classifications and requirements for positional certainty. (NRS 625.140, 625.250)

1. Boundary surveys have been divided into the following ~~four~~ *three* classifications:

(a) ~~High~~ Urban. *Urban* Ssurveys *are performed ofon* land lying within or adjoining a city or town, *and including include surveys of* commercial and industrial properties, condominiums, townhouses, apartments, and other multiunit developments, regardless of geographic location. *All Land Title Surveys are included in this classification.*

(b) ~~Low-Urban Suburban~~. *Suburban* Ssurveys *are performed ofon* land lying outside ~~high~~ urban areas and ~~used almost exclusively developed~~ for single family residential use. ~~or residential subdivisions.~~

(c) ~~High~~ Rural. *Rural* Ssurveys *are performed ofon* ~~land such as farms and other~~ undeveloped land lying outside the ~~low~~ urban and *suburban* areas ~~which may have potential for future development such as farms.~~

~~—(d) Low Rural. Surveys of land normally lying in remote areas with difficult or barren terrain and which usually have limited potential for development.~~

2. A professional land surveyor ~~shall~~ *must* use the classifications described in subsection 1 and the requirements for positional certainty for those classifications prescribed in NAC 625.666 to establish the locations of monuments in a boundary survey.

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A by Bd. of Professional Eng'rs & Land Surv., 11-14-97)

Proposed edits to NAC 625.760

Edit for clarity, changing “shall” to “must”.

NAC 625.760 Contract drawings and specifications; special instructions. (NRS 625.140, 625.250) Before beginning a construction survey, a professional land surveyor ~~shall~~ *must* obtain from the owner’s representative a complete set of the contract drawings and specifications approved by the appropriate federal, state and local agencies and any special instructions for the proposed fixed works.

(Added to NAC by Bd. of Professional Eng’rs & Land Surv., eff. 11-14-97)

Proposed edits to NAC 625.770

Edit for clarity, changing “shall” to “must”.

NAC 625.770 Verification of location of certain points; notification of insufficient dimensions or details. (NRS 625.140, 625.250)

1. A professional land surveyor who is conducting a construction survey ~~shall~~ *must* ensure that:
 - (a) The location of the control that delineates the horizontal location of the proposed fixed works; and
 - (b) The locations of the benchmark for the project and the vertical location of the proposed fixed works,
→ are identical to the locations of those points as shown on the engineering plans for the project.

2. If the professional land surveyor discovers any material differences between the location of the control on the construction survey and the location of the control on the engineering plans for the project, he or she ~~shall~~ *must* notify the owner’s representative of those differences.

3. If the dimensions or details of the engineering plans are not sufficient to establish the location of the proposed fixed works, the professional land surveyor ~~shall~~ *must* notify the owner’s representative and the engineer or architect of record and request that the necessary additional information be provided.

(Added to NAC by Bd. of Professional Eng’rs & Land Surv., eff. 11-14-97)

Proposed edits to NAC 625.775

Edits proposed for clarity and to reflect current standards of practice.

NAC 625.775 Positional certainties for marking locations of proposed fixed works. (NRS 625.140, 625.250) A professional land surveyor who conducts a construction survey ~~shall~~ **must** place the stakes or other materials used to mark the location of the proposed fixed works within the following positional certainties:

Proposed Fixed Works	Horizontal Positional Certainty		Vertical Positional Certainty	
	Meters	Feet	Meters	Feet
Rough Grades.....	±0.03 m	±1 ft	±0.06 m	±0.2 ft
Subgrades.....	±0.15 m	±0.5 ft	±0.015 m	±0.05 ft
Finish Grades.....	±0.15 m	±0.5 ft	±0.015 m	±0.05 ft
Buildings.....	±0.015 m	±0.053 ft	±0.01 m	±0.03 ft
Sewer Facilities	±0.1 m	±0.3/ ft	±0.015 m	±0.053 ft
Waterlines.....	±0.1 m	±0.3/ ft	±0.03 m	±0.1 ft
Hydrants Water Facilities Other Than	-		-	
Waterlines	±0.03 m	±0.1 ft	±0.015 m	±0.05 ft
Street Lights and Devices for the Control of	-		-	
Traffic	±0.06 m	±0.2 ft	±0.03 m	±0.1 ft
Curbs and Gutters.....	±0.03 m	±0.1/5 ft	±0.015 m	±0.053 ft

(Added to NAC by Bd. of Professional Eng'rs & Land Surv., eff. 11-14-97)

Proposed edits to NAC 625.780

Committee originally recommend the repeal of the regulation, with the caveat that the need for stake out data be reference elsewhere – proposing it be added to NAC 625.670 Required research, identifications, measurements and computations. But following further consideration, and the inability cohesively insert the intent of the NAC 625.780 into NAC 625.670, staff is recommending the regulation be retained with edits proposed.

NAC 625.780 Sketches, cut sheets and field notes. (NRS 625.140, 625.250) A professional land surveyor who conducts a construction survey ~~shall~~ *must retain* ~~provide the owner's representative~~ sketches, cut sheets or other field notes *created* to ~~describe~~ *support* the survey conducted.

(Added to NAC by Bd. of Professional Eng'rs & Land Surv., eff. 11-14-97)

Proposed edits to NAC 625.785

Edit for clarity, changing “shall” to “must”.

NAC 625.785 Verification surveys: Exchange of information. (NRS 625.140, 625.250) If a professional land surveyor other than the surveyor responsible for the initial location of the proposed fixed works conducts a verification survey, the professional land surveyor ~~shall~~ *must* share with the surveyor responsible for the initial location of the proposed fixed works notes and other data related to the verification survey. Each surveyor ~~shall~~ *must* provide to the other surveyor the results of the survey conducted by him or her and cooperate to resolve any discrepancies between the two surveys.

(Added to NAC by Bd. of Professional Eng'rs & Land Surv., eff. 11-14-97)

Proposed edits to NAC 625.790

Edit for clarity, changing “shall” to “must”.

NAC 625.790 Preparation of legal description of property. (NRS 625.140, 625.250) If a professional land surveyor is called upon to prepare a legal description of real property, the professional land surveyor ~~shall~~ *must* include:

1. A sufficient caption, body and, where applicable, qualifying clauses;
2. A clear statement of the relationship between the real property being described and the survey control or the basis of the unique location;
3. A clear statement explaining the basis of bearings or language which otherwise makes definite the method of direction and orientation for the lines of the property being described and the survey control related thereto;
4. Full and complete citations to maps, plats, documents and other matters of record, facts of pertinence, which are intended to be incorporated into and made a part of the legal description by reference thereto;
5. When called out, complete and detailed descriptions of physical monuments, both natural and artificial;
6. When appropriate, incorporated either directly or by citation, sufficient data to enable a check of mathematical closure for the property being described; and
7. His or her name, the number of his or her Nevada license and his or her validated seal.

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92)



Proposed Amendments of Regulations Relating to:

Code of Conduct

General Provisions relating to the Practice of Land Surveying

Land Boundary Surveys

Construction Surveys

Miscellaneous Provisions relating to the Practice of Land Surveying

Small Business Impact Statement

Small Business Impact Statement for proposed repeals and amendments to regulations relating to:

Code of Conduct – NAC 625.545

General Provisions relating to the Practice of Land Surveying – NAC 625.655; NAC 625.666

Land Boundary Surveys – NAC 625.670; NAC 625.680; NAC 625.700; NAC 625.710; NAC 625.720; NAC 625.740

Construction Surveys – NAC 625.760; NAC 625.770; NAC 625.775; NAC 625.780

Miscellaneous Provisions relating to the Practice of Land Surveying – NAC 625.790

Overview

The State Board of Professional Engineers and Land Surveyors has determined that the proposed repeals and amendments will have no negative financial impact on a small business. The proposed regulations have no negative impact on the formation, operation, or expansion of a small business in Nevada.

A small business is defined in Nevada Revised Statute (NRS) 233B as a “business conducted for profit which employs fewer than 150 full-time or part-time employees.”

This small business impact statement was created pursuant to NRS 233B.0608(3) and complies with the requirements of NRS 233B.0609. As required by NRS 233B.0608(3), this statement identifies the methods used by the agency in determining the impact of the proposed regulations on a small business and provides the reasons for the conclusions of the agency followed by certification by the agency’s responsible person.

Manner in which comments were solicited, response summary, and explanation of how interested parties may obtain a copy of summary

Referencing the requirements of NRS 233B.0608, the Nevada Board of Professional Engineers and Land Surveyors requested input via a survey link sent to all Nevada licensed engineers and land surveyors, and those signed up to receive news and information from the board. The emailed survey link was sent to 19,200 individuals, with an open rate of 51.3%, and 110 completed survey responses.

The survey asked for input on adverse/beneficial economic effects on small businesses, and indirect adverse/beneficial effects – with space to elaborate on responses.

A summary of the survey results is available for viewing on the Nevada Board of Professional Engineers and Land Surveyors website (see link below) and are included as an attachment.

<https://nvbpels.org/business-impact-survey-october-2023/>

Manner in which the analysis was conducted

Survey results were initially reviewed for general comments to gauge if the intent of the proposed regulation changes was adequately conveyed.

Survey analysis then focused on “YES” responses relating the direct and indirect adverse economic effects, and the associated comments and explanations to determine the individual concerns. The same was done with survey results for the direct and indirect beneficial impacts.

1. Estimated economic effects of the proposed regulation on small businesses

Based on the survey results it was determined there are no adverse economic impacts related to the proposed regulation changes.

2. Considerations were made to reduce impact of proposed regulation

No specific adverse economic impacts were identified that warranted additional consideration.

3. Cost estimate for agency enforcement

At this time there would be no additional cost to the regulatory board to enforce the proposed changes. Any issues relating to compliance would be absorbed into the existing workload of the current staffing levels.

4. New fees or increases in existing fees

The proposed amendments do not involve an increase to existing fees or create any new fees.

5. Are any duplicative or more stringent provisions involved

There are no federal regulations associated with professional engineers and land surveyors. However, every state and US territory regulates the professions of engineering and land surveying.

6. Summary of conclusions

The Small Business Impact survey that was sent to 19,200 individuals, with an open rate of 51.3%, resulted in 110 completed survey responses. Although some survey respondents indicated anticipated adverse impacts (13% direct adverse impacts and 20% indirect adverse impacts). In reviewing those comments, there are no specific adverse effects or economic impacts identified.

In consideration of all the survey responses collected, NVBPELS concludes that the proposed regulation changes relating to Code of Conduct, General Provisions relating to the Practice of Land Surveying, Land Boundary Surveys, Construction Surveys, and Miscellaneous Provisions relating to the Practice of Land Surveying will have no adverse impacts on small businesses.

Certification by Person Responsible for the Agency

I, Patty Mamola, Executive Director of the Nevada Board of Professional Engineers and Land Surveyors certify to the best of my knowledge or belief, a concerted effort was made to determine the impact of the proposed amendments to regulation on small business, and the information contained in this statement was prepared properly and is accurate.



October 30, 2023

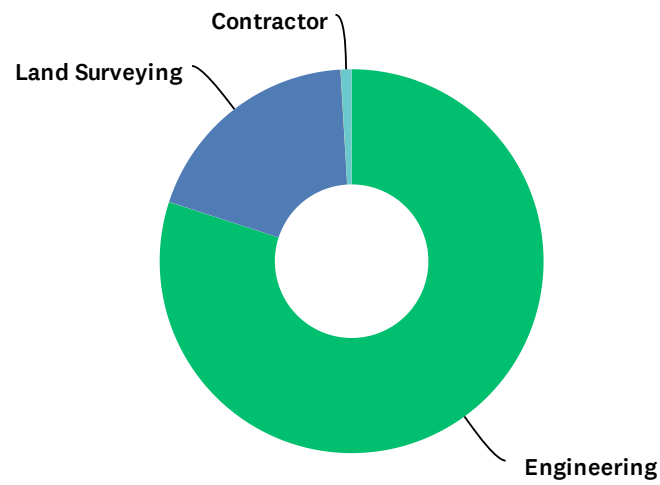
DRAFT



Small Business Impact Survey Results

Q1 Type of Business (primary service offered)

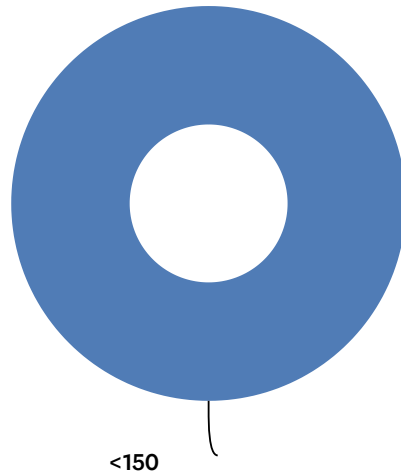
Answered: 110 Skipped: 0



ANSWER CHOICES	RESPONSES	
Engineering	80.00%	88
Land Surveying	19.09%	21
Architectural	0.00%	0
Contractor	0.91%	1
TOTAL		110

Q2 Number of Full-Time Employees

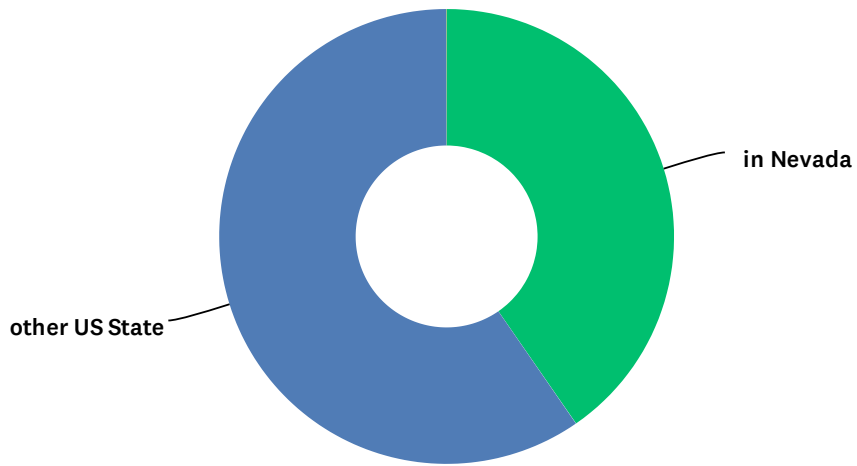
Answered: 110 Skipped: 0



ANSWER CHOICES	RESPONSES	
>150	0.00%	0
<150	100.00%	110
TOTAL		110

Q3 Business Managing Office Location

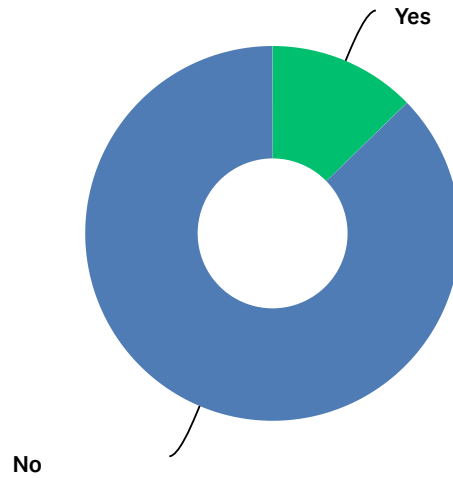
Answered: 109 Skipped: 1



ANSWER CHOICES	RESPONSES	
in Nevada	40.37%	44
other US State	59.63%	65
outside US	0.00%	0
TOTAL		109

Q4 Will a specific proposed change of the regulations have a direct adverse economic effect on your business?

Answered: 110 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	12.73%	14
No	87.27%	96
TOTAL		110

Q5 Any comments or explanation relating to your answer to Question 4.

Answered: 66 Skipped: 44

#	RESPONSES	DATE
1	none	10/17/2023 1:20 PM
2	Providing a schedule for engineering takes a little more time than just a completion date. However, this is something we typically do anyway.	10/16/2023 12:53 PM
3	None	10/13/2023 3:09 PM
4	none	10/13/2023 11:08 AM
5	none	10/12/2023 1:02 PM
6	only involved in railroad engineering	10/11/2023 5:32 AM
7	None	10/10/2023 7:36 AM
8	None.	10/9/2023 9:54 AM
9	no	10/9/2023 9:14 AM
10	None	10/7/2023 3:07 PM
11	Not doing business in Nevada.	10/7/2023 9:20 AM
12	Proposed edits to NAC 625.545. My problem is that you are modifying this regulation as if all contracts (or jobs) are the same in complication. Some jobs are small in nature and do not need to provide a schedule. Since the regulations apply across all jobs, I believe that you are being short sighted. Maybe it is more equitable if you have jobs over a certain price, say \$10k, require a schedule and jobs under \$10k require an anticipated completion date. My biggest suggestion is to not write the regulation in such a way that ALL jobs are required to follow a process that only makes sense for larger jobs. And finally, isn't the premise of the change, none of your business: "better manage client expectations". That is the responsibility of the business owner, not a regulatory agency. Please try to imagine what it was like when we lived in a country which was free and not controlled at every turn.	10/6/2023 6:13 PM
13	-	10/5/2023 8:43 AM
14	The changes generally clarify areas of uncertainty and appropriately simplify the regulations.	10/5/2023 7:27 AM
15	Currently I only do California projects	10/4/2023 8:58 PM
16	none	10/4/2023 5:01 PM
17	All changes are associated with land surveying. My business does incorporate this type of service.	10/4/2023 4:47 PM
18	Made note of the use of "must" versus "shall" for future reference in contract/spec documents. Thank you!	10/4/2023 11:31 AM
19	I am not commenting on the changes to the Surveying regulations.	10/4/2023 10:57 AM
20	Our firm does not offer land surveying currently - no impact on us	10/4/2023 5:15 AM
21	None	10/3/2023 7:38 PM
22	None.	10/3/2023 7:08 PM
23	none	10/3/2023 6:40 PM
24	I'm concerned with #1. You are regulating away common law contracts. Don't get me wrong, it's smart to have a written contract; however, government should not be involved in private party agreements. Work can still get done with a handshake.	10/3/2023 5:07 PM

Business impacts related to the proposed regulation changes.

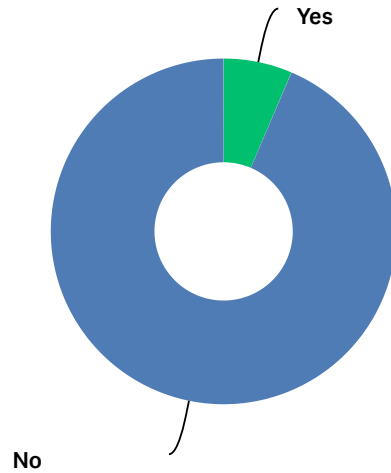
25	none	10/3/2023 3:09 PM
26	N/A	10/3/2023 1:41 PM
27	I do not perform land surveying services	10/3/2023 12:41 PM
28	Changes either are already being done by our firm or are not applicable to the work we are performing.	10/3/2023 12:33 PM
29	Written contracts should not be required for very small projects - say \$2500.00 or less.	10/3/2023 12:07 PM
30	NO	10/3/2023 10:44 AM
31	Our work in Nevada is for insurance companies with whom we have a written master contract that suffices for all work. A separate contract for each assignment is not needed or desired by the client. Our work investigative and forensic in nature and does not lend itself to a predetermined fee. We work on an hourly "time and materials" basis. Amend the proposal to clarify that master agreements are acceptable alternatives.	10/3/2023 10:33 AM
32	none	10/3/2023 10:31 AM
33	i do not know the full impact of these changes nor can I look into a crystal ball and see what will happen down the road, but this much I do know, whenever governments are involved in the operations and direction of business, especially engineering and survey, there will be impacts and they are usually impacts that cost the business own money. What is wrong with how they work today? Why change it when its not broken?	10/3/2023 10:22 AM
34	No impact seen to my business	10/3/2023 10:01 AM
35	Although advisable, why is a written contract required with a client? Shouldn't that just be a liability insurance issue?	10/3/2023 9:36 AM
36	All surveys that have been done in the past has always been done at the highest standard.	10/3/2023 9:34 AM
37	625.545, written contracts. We do a lot of urgent and even emergency work based on oral or email requests (such as responding to a pit slope failure at a large gold mine near Elko). We thus need to respond immediately, often dispatching engineers the same day. But getting a contract approved by a large mining company takes weeks under the best of circumstances. Requiring us to have formal written contracts will result in us either decline such assignments (which can produce huge revenue: for the famous slope failure in Utah a few years ago the total engineering fee was circa \$1M) or that we serve our clients best interest, and the interest of public safety, but violate this new law. We also do a lot of business under global master services agreements which may be based in another country (the UK, Canada, Peru or Chile being common) but are intended to be used anywhere we work for them. These will often not meet the test for a contract in Nevada (for a variety of reasons) but are very common in both mining and other heavy industries where the client-consultant relationship is based on years, often decades, of working together. This proposed change will do nothing to improve this work. We also do a lot of work under purchase orders, which do not usually meet the legal test of a "contract." This law seems to target work between engineers and unsophisticated clients. It seems to serve no purpose when the client is as sophisticated, or often more sophisticated, than the consultant.	10/3/2023 9:33 AM
38	No	10/3/2023 9:26 AM
39	Might be slightly more time and money for a contract with each client	10/3/2023 9:17 AM
40	None	10/3/2023 9:13 AM
41	We do not do surveying work in Nevada.	10/3/2023 9:12 AM
42	We are an engineering firm and most of the items were survey related. The schedule vs: date change may be difficult to facilitate effectively since the "date" is target and a schedule is plan. timing changes but end date is what is ultimately important. Opinion is the change adds complexity but not much value.	10/3/2023 8:56 AM
43	None	10/3/2023 8:42 AM
44	n/a	10/3/2023 8:27 AM
45	no	10/3/2023 7:58 AM

Business impacts related to the proposed regulation changes.

46	N/A	10/3/2023 7:44 AM
47	Our current business in Nevada is limited.	10/3/2023 7:43 AM
48	no	10/3/2023 7:28 AM
49	None	10/3/2023 7:24 AM
50	No comments	10/3/2023 7:21 AM
51	NAC 625.545 is getting into the practice of business. Yes, it may be better to provide a schedule for large projects and most sophisticated clients will require it. But so small projects, the client may not care beyond the expected date of completion. Where the Client and Engineer agree that a completion date is adequate, the State should not dictate that more is required. This adds to my work load. Further, there is no definition of schedule so the change has no teeth. The "schedule" can be "it will get done by" It is not a needful change.	10/3/2023 7:05 AM
52	No	10/3/2023 6:52 AM
53	Professional insurance companies already require written contract. Maybe just require E&O insurance for licensees, then no need to require written contracts.	10/3/2023 6:43 AM
54	Changes affect surveying, not engineering.	10/3/2023 6:43 AM
55	As a government agency it is more costly to have incomplete survey data or missing information than to to have a proper survey. As someone who obtained their original license in another state, I feel most of these changes reflect basic industry standards and should already be in place and practiced.	10/3/2023 6:18 AM
56	No	10/3/2023 6:05 AM
57	all of the proposed changes only affect land surveying	10/3/2023 6:03 AM
58	NAC 625.545 would disrupt our ability to consult to insurance companies. We presently inspect claims of all sizes in Nevada. Due to their nature, the cost is always unknown. Similarly, large carriers will not sign contracts - it is built on long term trust. If we were to abide by this requirement, we would have to cease all claim and litigation assessment/consulting in Nevada. This would also put the public in greater harm not being able to have insurance claims inspected by engineers.	10/3/2023 5:46 AM
59	I'm not a surveyor, so most changes are not applicable. The remainder appear inconsequential.	10/3/2023 5:41 AM
60	No adverse comment	10/3/2023 5:11 AM
61	Notice to proceed via e-mail in response to an e-mailed fee should be sufficient as a contract.	10/3/2023 5:09 AM
62	None	10/3/2023 5:00 AM
63	None	10/3/2023 4:47 AM
64	NAC 625.545 1) Generally, the State should have very little (if any) involvement in individual contracts as this is a burden on the parties involved. Thus, this addition will add additional time/costs to processing that is normally done quickly and easily with previous understandings and/or master agreement in place between the parties. 3) Per 625.005, the Board only "provides" for licensure. This additional text improperly extends the Board's duties. NAC 625.545 should NOT be added.	10/3/2023 4:30 AM
65	None	10/3/2023 4:17 AM
66	Changes are reasonable	10/3/2023 4:03 AM

Q6 Will a specific proposed change of the regulations have a direct beneficial effect on your business?

Answered: 109 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	6.42%	7
No	93.58%	102
TOTAL		109

Q7 Any comments or explanation relating to your answer to Question 6.

Answered: 58 Skipped: 52

#	RESPONSES	DATE
1	none	10/17/2023 1:20 PM
2	None	10/13/2023 3:09 PM
3	I am in agreement with these changes. I specifically like the changes to NRS 625.670 as it add much needed clarity.	10/13/2023 12:06 PM
4	none	10/13/2023 11:08 AM
5	not a surveyor	10/12/2023 1:02 PM
6	same as 5 above	10/11/2023 5:32 AM
7	None	10/10/2023 7:36 AM
8	None.	10/9/2023 9:54 AM
9	no	10/9/2023 9:14 AM
10	None	10/7/2023 3:07 PM
11	Not doing business in Nevada.	10/7/2023 9:20 AM
12	I never feel that someone writing an arbitrary rule is beneficial for a business. A business should be allowed to succeed and fail on its own and the more regulation, the more likely it is that someone else determines the outcome of businesses final destination.	10/6/2023 6:13 PM
13	-	10/5/2023 8:43 AM
14	No comment	10/4/2023 8:58 PM
15	none	10/4/2023 5:01 PM
16	Make person to be committed though out project life cycle. We can additional include in continuation "and any change to the schedule shall be updated and agreed"	10/4/2023 12:01 PM
17	Our firm does not offer land surveying currently - no impact on us	10/4/2023 5:15 AM
18	No	10/3/2023 7:38 PM
19	None.	10/3/2023 7:08 PM
20	none	10/3/2023 6:40 PM
21	None	10/3/2023 3:09 PM
22	Since technology has improved, why are we lowering the standards for positional certainty. I oppose this change	10/3/2023 2:25 PM
23	N/A	10/3/2023 1:41 PM
24	none	10/3/2023 12:41 PM
25	See previous	10/3/2023 12:33 PM
26	No	10/3/2023 12:07 PM
27	no	10/3/2023 10:44 AM
28	none	10/3/2023 10:31 AM
29	I have been in business along time. When I look back at how we did business in the 80's and 90's it was good. We make a decent living, we paid our billa nd our obligations. Things	10/3/2023 10:22 AM

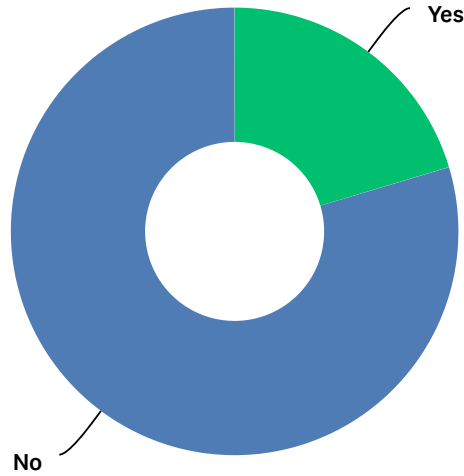
Business impacts related to the proposed regulation changes.

changed in 2000 and by 2010 it was not the same business.- there were so many cut-throat surveyors who worked off their kitchen table, turned out an inferior product and had no moral and professional ethics. Had we not had long standing clients who knew the quality of our work, we would have been out of business. My comments in 4 above are applicable. Stay out of the lives and business of engineering professionals. I can't see down the road that foar but again, This much I knwo, by trying to quantify and regulate the business of surveying and engineering you will be creating road block to the smooth flow of the work product. You can not regulate every little thing, you can not micro mänge these job because each one is so different.

30	No impact seen	10/3/2023 10:01 AM
31	I see no economic benefits to anyone in the changes. Maybe some to the public. It just looks like more confusion and paperwork from the business side.	10/3/2023 9:36 AM
32	It clarifies the changes.	10/3/2023 9:34 AM
33	The effects will be entirely detrimental. We do not need this statue to protect our business and thus it adds no value, but it will cost us business.	10/3/2023 9:33 AM
34	No	10/3/2023 9:26 AM
35	None	10/3/2023 9:17 AM
36	None	10/3/2023 9:13 AM
37	No	10/3/2023 9:12 AM
38	Not in surveying - does not apply.	10/3/2023 8:56 AM
39	changing completion date to schedule makes much more sense.	10/3/2023 8:56 AM
40	None	10/3/2023 8:42 AM
41	none	10/3/2023 7:58 AM
42	N/A	10/3/2023 7:44 AM
43	no	10/3/2023 7:28 AM
44	None	10/3/2023 7:24 AM
45	no comments	10/3/2023 7:21 AM
46	Written contract. We write contracts for all work to be performed but seldom have them returned with signatures.	10/3/2023 7:08 AM
47	Most of the changes relate to Surveying, not engineering so have no expected impact.	10/3/2023 7:05 AM
48	Changes affect surveying, not engineering.	10/3/2023 6:43 AM
49	Having a proper survey in line with industry standards is beneficial to all in order to avoid costly changes in the project at a later date.	10/3/2023 6:18 AM
50	We don't provide surveying	10/3/2023 6:05 AM
51	N/A	10/3/2023 6:03 AM
52	see above	10/3/2023 5:41 AM
53	no comment	10/3/2023 5:11 AM
54	None	10/3/2023 4:47 AM
55	Per previous comment, it only adds more burdens. As a PE, contracts that I engage in are solely my responsibility and should only be monitored (per 625) in their resulting impact on the public health, safety, and welfare, legally performed. If that impact is all positive, it is not for the State/Board to regulate any further.	10/3/2023 4:30 AM
56	None	10/3/2023 4:17 AM
57	Changes are reasonable	10/3/2023 4:03 AM

Q8 Do you anticipate any indirect adverse effects from the proposed regulation changes on your business?

Answered: 108 Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes	20.37%	22
No	79.63%	86
TOTAL		108

Q9 Any comments or explanation relating to your answer to Question 8.

Answered: 61 Skipped: 49

#	RESPONSES	DATE
1	none	10/17/2023 1:20 PM
2	None	10/13/2023 3:09 PM
3	none	10/13/2023 11:08 AM
4	none	10/12/2023 1:02 PM
5	same as 5 above	10/11/2023 5:32 AM
6	None	10/10/2023 7:36 AM
7	None.	10/9/2023 9:54 AM
8	no	10/9/2023 9:14 AM
9	None	10/7/2023 3:07 PM
10	Not doing business in Nevada.	10/7/2023 9:20 AM
11	I think that you are making a big mistake changing all of the "Shall" to "Must". I am not sure what you are really doing, shall does give a little bit of wiggle room, it is encouraging a surveyor to do the right thing, but is not requiring them to do it on every job. When you say must, you are telling the surveyor that they MUST do something or they can be held liable if they do not. If the job does not require something to be done, it should be at the discretion of the surveyor. It is the surveyor who will ultimately be held responsible, all this language does, is give a lawyer (not a surveyor), the right to find fault in what the surveyor has done. Give the surveyor the power, not the lawyers. Provide the language that strengthens the surveyors ability to make their own decisions and feel confident that they will not be in prison if there best is not good enough (mistakes really do happen, surveyors are just people with a technical skill)	10/6/2023 6:13 PM
12	-	10/5/2023 8:43 AM
13	NAC625.666(6) is highly specific and could be onerous to include in contract language unless reference to "standards of practice" (which would include NAC) is sufficient.	10/5/2023 7:27 AM
14	No comm	10/4/2023 8:58 PM
15	none	10/4/2023 5:01 PM
16	Our firm does not offer land surveying currently - no impact on us	10/4/2023 5:15 AM
17	No	10/3/2023 7:38 PM
18	None.	10/3/2023 7:08 PM
19	none	10/3/2023 6:40 PM
20	Yes. See my response to #5.	10/3/2023 5:07 PM
21	None	10/3/2023 3:09 PM
22	This will lead to shoddy workmanship. I have seen lawsuits over less than a .1 of a foot	10/3/2023 2:25 PM
23	N/A	10/3/2023 1:41 PM
24	none	10/3/2023 12:41 PM
25	See previous	10/3/2023 12:33 PM
26	No	10/3/2023 12:07 PM
27	no	10/3/2023 10:44 AM

Business impacts related to the proposed regulation changes.

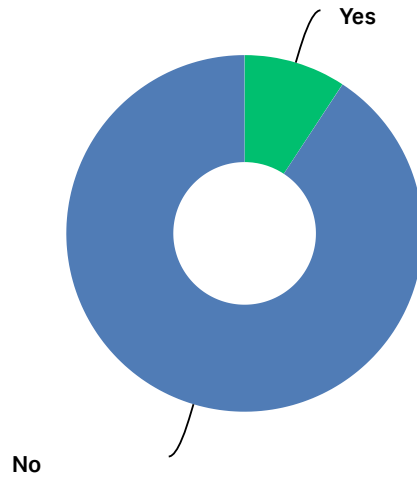
28	unnecessary paperwork and complicating doing work in Nevada when similar burdens do not exist in other states.	10/3/2023 10:33 AM
29	n/a	10/3/2023 10:31 AM
30	Same comments in 4 and 7 apply.	10/3/2023 10:22 AM
31	The requirement to add the project schedule to our contract language potentially opens the door for more liability. Schedules ALWAYS move and we don't want to have to revise our original contract to the new schedule.	10/3/2023 10:21 AM
32	No	10/3/2023 10:01 AM
33	I am in a bordering state. With the new provisions working in Nevada will be a last choice.	10/3/2023 9:36 AM
34	None	10/3/2023 9:34 AM
35	Addressed above.	10/3/2023 9:33 AM
36	No	10/3/2023 9:26 AM
37	None	10/3/2023 9:17 AM
38	None	10/3/2023 9:13 AM
39	No	10/3/2023 9:12 AM
40	*NAC 625.655 Reference to only "statutes and regulations" and removing the reference to portions of NAC 625 is concerning. *NAC 625.666/775- Meters should not be removed, 625 allows for either meters or feet to be used. The use of "U.S. Survey Feet" in 625.666 and "Feet" in 625.775 should be harmonized. NOAA & NIST has moved to replace the US Survey foot (1200/3937 ft/m) with the international foot (0.3048 ft/m) [the foot in the US is currently defined by a relation to the meter].	10/3/2023 8:59 AM
41	Not in surveying - does not apply.	10/3/2023 8:56 AM
42	None	10/3/2023 8:42 AM
43	none	10/3/2023 7:58 AM
44	I believe a parts per million is needed for the Positional Certainty component located under NAC 625.666 is needed. If you measure 10 miles, are you required to be within .15"? This seems unattainable. I suggest using the ALTA standards when it comes to positional certainty.	10/3/2023 7:44 AM
45	none	10/3/2023 7:28 AM
46	None	10/3/2023 7:24 AM
47	no comments	10/3/2023 7:21 AM
48	I believe NAC 625.666 in regards to Land Boundary Surveys should more closely align with the Measurement Standards described in the NSPS/ALTA Minimum Standard Detail Requirements Paragraph 3 E	10/3/2023 7:20 AM
49	Added work load and possible elements of lawsuits where a client can claim that work performed by a due date did not meet the letter of the law because no schedule was provided and hence the law was broken and no compensation for the work is required.	10/3/2023 7:05 AM
50	No	10/3/2023 6:43 AM
51	Changes affect surveying, not engineering.	10/3/2023 6:43 AM
52	These are all necessary changes and are basic surveying standards.	10/3/2023 6:18 AM
53	It looks like they wouldn't need to provide the topography but for our business we have to include that information.	10/3/2023 6:05 AM
54	possible increase in design project costs if design project includes land surveying.	10/3/2023 6:03 AM
55	We will stop conducting business in Nevada.	10/3/2023 5:46 AM
56	see above	10/3/2023 5:41 AM

Business impacts related to the proposed regulation changes.

57	None	10/3/2023 5:11 AM
58	None	10/3/2023 4:47 AM
59	Additional costs. Additional time. No benefit.	10/3/2023 4:30 AM
60	None	10/3/2023 4:17 AM
61	So impact may not be know at this time	10/3/2023 4:03 AM

Q10 Do you anticipate any indirect beneficial effects on your business from the proposed changes?

Answered: 108 Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes	9.26%	10
No	90.74%	98
TOTAL		108

Q11 Any comments or explanation relating to your answer to Question 10.

Answered: 52 Skipped: 58

#	RESPONSES	DATE
1	none	10/17/2023 1:20 PM
2	None	10/13/2023 3:09 PM
3	none	10/13/2023 11:08 AM
4	none	10/12/2023 1:02 PM
5	same as 5 above	10/11/2023 5:32 AM
6	I think that this is a more logical wording.	10/10/2023 10:35 AM
7	None	10/10/2023 7:36 AM
8	None.	10/9/2023 9:54 AM
9	no	10/9/2023 9:14 AM
10	None	10/7/2023 3:07 PM
11	Not doing business in Nevada.	10/7/2023 9:20 AM
12	This sentence is so vague, that I could sue any surveyor I hire: "When engaging in the practice of land surveying in this State, a professional land surveyor shall must apply all applicable statutes and regulations." Wow, "apply all applicable statutes and regulations"? That is going to bite someone in the end. Freedom for the surveyor, not vagueness and ambiguity.	10/6/2023 6:13 PM
13	-	10/5/2023 8:43 AM
14	Clarity has a general improving effect on professional practice. I do have a few comments: NAC625.666(4) confusingly references two types of survey; overall, "his or her" could be replaced with "their" and save pages of language.	10/5/2023 7:27 AM
15	N/a	10/4/2023 8:58 PM
16	none	10/4/2023 5:01 PM
17	Our firm does not offer land surveying currently - no impact on us	10/4/2023 5:15 AM
18	No	10/3/2023 7:38 PM
19	None.	10/3/2023 7:08 PM
20	none	10/3/2023 6:40 PM
21	NOne	10/3/2023 3:09 PM
22	N/A	10/3/2023 1:41 PM
23	none	10/3/2023 12:41 PM
24	See previous	10/3/2023 12:33 PM
25	No	10/3/2023 12:07 PM
26	no	10/3/2023 10:44 AM
27	n/a	10/3/2023 10:31 AM
28	It has been my experience over a long period of time that there is never ny benefits -- IT JUST COSTS US MONEY.	10/3/2023 10:22 AM
29	No	10/3/2023 10:01 AM

Business impacts related to the proposed regulation changes.

30	I don't see how any of the changes help the business side.	10/3/2023 9:36 AM
31	None	10/3/2023 9:34 AM
32	No	10/3/2023 9:26 AM
33	None	10/3/2023 9:17 AM
34	Possibly make potential clients select insured engineers/surveyors. Tends to level the playing field in terms of cost/expense.	10/3/2023 9:13 AM
35	No	10/3/2023 9:12 AM
36	Not in surveying - does not apply.	10/3/2023 8:56 AM
37	None	10/3/2023 8:42 AM
38	none	10/3/2023 7:58 AM
39	N/A	10/3/2023 7:44 AM
40	none	10/3/2023 7:28 AM
41	None	10/3/2023 7:24 AM
42	The proposed changes add clarity, remove gray areas in construction and mapping.	10/3/2023 7:21 AM
43	No	10/3/2023 6:43 AM
44	Changes affect surveying, not engineering.	10/3/2023 6:43 AM
45	Better quality surveys and the ability to recite NAC for surveyors who do not perform surveys in conformance with basic industry standards.	10/3/2023 6:18 AM
46	no	10/3/2023 6:05 AM
47	N/A	10/3/2023 6:03 AM
48	see above	10/3/2023 5:41 AM
49	No	10/3/2023 5:11 AM
50	None	10/3/2023 4:47 AM
51	None	10/3/2023 4:17 AM
52	NC	10/3/2023 4:03 AM

Proposed Date	Staff Actions	Public Meetings
September 13, 2023		Legislative Committee
September 13, 2023	update based on LegComm feedback	
September 14, 2023	prepare and send Board meeting materials	
September 21, 2023		Board
September 22, 2023	update based on Board feedback	
September 26-29, 2023	prepare Small Business Impact survey	
October 3, 2023	send Small Business Impact survey out	
October 25, 2023	close survey and compile survey results	
October 30-31, 2023	prepare draft Small Business Impact statement	
November 2, 2023	prepare and survey results and SBI for board meeting	
November 16, 2023		Board
November 16, 2023	update based on Board feedback	
November 16, 2023	schedule and prepare notice (min. 15 days) for public workshop	
December 6, 2023		Public Workshop
December 7-8, 2023	compile feedback from public workshop	
December 14, 2023		(tentative) Legislative Committee
	update based on LegComm feedback	
January 4, 2024	prepare and send Board meeting materials	
January 18, 2024		Board
January 22-23, 2024	update based on Board feedback	
January 24, 2023	prepare and send regulations to LCB for drafting	

16. NAC 625 Updates Related to Executive Orders 2023-003 and 2023-004

Regulation		Status
NAC 625.210	Application for licensure or certification; fees	Proposed to Amend
NAC 625.230	Application for licensure in multiple categories or disciplines	Proposed to Repeal
NAC 625.240	Licensure on basis of previous licensure in another jurisdiction...	Proposed to Amend
NAC 625.310	Examinations: Generally.	Proposed to Amend
NAC 625.330	Examinations: Notice to duty to appear	Proposed to Repeal
NAC 625.460	Inactive status: Requirements for renewal of identification card.	Proposed to Repeal
NAC 625.620	Fictitious names.	Proposed to Repeal
NAC 625.625	Notice of change in licensee's employer, category, or discipline.	Proposed to Repeal
NAC 625.635	Representation of parties; qualifications of attorneys.	Proposed to Repeal
NAC 625.660	Responsibility for compliance with standards of practice.	Proposed to Repeal
NAC 625.668	Positional certainty: Horizontal and vertical position of monuments.	Proposed to Repeal
NAC 625.690	Location of corners, boundaries and monuments.	Proposed to Repeal
NAC 625.765	Establishment of final location of points	Proposed to Repeal
NAC 625.795	Duties regarding geographic information systems	Proposed to Repeal

17. Board Training on Nevada Open Meeting Law

18. Government Liaison Report

19. 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**

May 12, 2022 Board Meeting

13. Discussion and possible action on white paper submitted by Jason Caster, PLS, license number 19338, complaint number 20210004, white paper is a condition of the stipulated agreement.

Adjust scope of future disciplinary whitepapers to include a specific requirement for the licensee to outline in detail what they will do in the future to correct and prevent the issue they were disciplined for. **Staff.**

Jan 19, 2023 Board Meeting

21. 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.

Staff to research Tonopah, NV as a possible board meeting site in 2024. **DONE**

May 11, 2023 Board Meeting

14. Discussion on Board Counsel Report.

Formalize an employee handbook for board staff. Mr MacKenzie to draft a framework for APOC to consider. **Mr MacKenzie**

22. 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 Gingerich said he had two issues which may need consideration for agenda items or assignment to a committee. He said the first relates creating an education credit guideline specific to land surveying, for both undergraduate and postgraduate education.

Ms Mamola said the best pathway for that topic would be LegComm, with staff creating a draft guide table

for consideration by the committee. (ACTION Item) She added then after review and edit it could then come before the full board for review and approval. **Staff DONE**

Mr Gingerich said his second topic was for clarification of NAC 625.240 based on comments during the recent public comment relating to Model Law Surveyors and the issuance of a license.

Ms Mamola said staff had connected with the licensee who made the comments for clarification and will add the topic to a future LegComm agenda. (ACTION Item). Ms Mamola added that the licensee was going to forward suggested edits to the regulation. **Staff DONE**

July 20, 2023 Board Meeting

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

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

i. Annual Meeting Conference Report and Action Items.

Present outcome of annual meeting action item voting at Sept board meeting. **DONE**

16. Discussion and possible action on board committee reports.

d. Public Outreach Committee, Chair Robert Fyda.

Mr DeSart suggested the committee discuss outreach opportunities when board meetings are held rurally (Elko, Tonopah etc.) Consider piggyback outreach while the board is these locations to get out visit engineering or land surveying related groups. The committee could consider what could be done around the Tonopah meeting as part of public outreach. **Staff to add agenda item. DONE**

18. Discuss legislative and regulatory matters with board's government liaison, Susan Fisher.

Check with LCB if public regulation review process as part of exec order reports is acceptable or whether process needs to be repeated. **Staff DONE**

21. Discussion and possible action on meeting dates.

Schedule reminders for any new dates added would be emailed, including upcoming NCEES western zone (Bozeman, MT) and annual meetings (Chicago, IL). **Ms Mamola DONE**

22. 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.

Check with NDEP to see if capability now exists to receive submittals electronically. **Staff DONE**

September 21, 2023 Board Meeting

11. Discussion and possible action on delegation of formal hearings to a hearing officer, Nevada Revised Statute 625.150 (5).

Staff to work with Mr MacKenzie and Ms Purcell to gather information on contractor's board hearing officer process and draft proposed changes to the Rules of Practice. **Staff**

16. Discussion and possible action on electronic submittals and digital signatures, Nevada Administrative Code chapter 625, NAC 625.610.

Reconvene taskforce to review current guide (update as needed), explore issues relating to digitally signing submittals with multiple disciplines, and review and advise on entity electronic submittal intake requirements. **Staff**

Develop entry level in-person workshops on preparing and digitally signing electronic submittals. Reach out to stakeholder organizations for opportunities to present/host. **Staff**

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

Re connect with NDEP to explore areas to support (and encourage) their transition to accepting paperless submittals. **Ms Mamola** **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. **Ms Mamola**

ADMINISTRATIVE PROCEDURES OVERSIGHT COMMITTEE

APOC - 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. **Staff**

March 30, 2023, Meeting

5. Consider executive director work performance and salary.

Update salary study information (use 2017 document as template). **Staff**

6. Consider proposed budget for fiscal year July 1, 2023 to June 30, 2024.

Suggested that options be explored that could be of some tangible benefit to existing licensees to accelerate the reduction of the reserve. Prepare evaluation of options to be considered by APOC. **Staff**

May 10, 2023, Meeting

6. Consider proposed budget for fiscal year July 1, 2023 to June 30, 2024.

Projections for health insurance costs in consideration of possible expansion of board covered expenses. **Ms Mamola**

October 3, 2023, Meeting

4. Consider draft personnel policy employee handbook

Ms Mamola to consider committees input and present a revised draft for consideration at next APOC meeting. **Ms Mamola**

Next APOC meeting to be scheduled in early December to enable time for another possible round of edits before presenting the personnel policy for board consideration at the January 2024 meeting. **Staff**

Mr Spata commented that policy manual to be reviewed/edited for what level an internal personnel issue(s) should be reported to the board chair (or board as a whole)

Consider suggested edits to the draft personnel policy employee handbook forwarded by Mr DeSart. **Mr MacKenzie + Staff**

In addition to prohibited in the workplace, consider language relating to “impairment” – impairing ability to perform job functions. **Mr MacKenzie + Staff**

Ms Mamola to “humanize the document” – draft an introductory cover letter. **Ms Mamola**

PUBLIC OUTREACH COMMITTEE

Public Outreach Committee - January 12, 2023 Meeting

6. Consider and discuss public communications/social media efforts and available budget for remainder of fiscal year, January 1, 2023, to June 30, 2023).

Identify schedule of career fairs at UNR and UNLV and consider a NVBPELS booth. **Staff**

LEGISLATIVE COMMITTEE

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.

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. **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.

Legislative Committee Meeting – October 18, 2022

8. Open discussion of items related to the Legislative Committee

Add items identified for committee consideration to next meeting agenda and include supporting documentation in the meeting material packet.

Lead: Murray Blaney

- NRS 625.183

Discussion on experience requirement for licensure
(in supporting documents, included “studies” referenced by NCEES – Patty Mamola;
review Model Law and other states requirements – Murray Blaney)

- NRS 625.193/280

Discussion on time period for waiver of the FE/FS
(review Model Law and other states requirements – Murray Blaney)

Legislative Committee Meeting – September 13, 2023

8. Discussion on status of staff and committee assignments.

Mr Fyda to replace Ms Purcell as lead in the discipline specific vs PE state discussion (item above 6.17.2021 committee meeting). Ms Mamola to forward position papers draft by Univ of Maryland research group. **Provide update at next LegComm meeting.**

9. Discussion on status of staff and committee assignments.

In SBI survey package, list NAC 625.545 first – to highlight among the PLS regs. **Staff**

Share PLS proposed changes with NALS legislative committee. **Staff**

Schedule next LegComm meeting before Nov board meeting for update on discipline specific vs PE state discussion and progress with SBI survey results. **Staff**

STRATEGIC PLAN ITEMS

DRAFT *Annual Report* for APOC/Public Outreach committee review.

BUSINESS PLAN ITEMS

Electronic submittals + digital signing of documents.

System database comprehensive upgrade.

Website effectiveness.

20. Future Meeting Dates

BOARD MEETING DATES

Board meetings are typically scheduled for the second Thursday of every other month.

January 18, 2024 — Las Vegas

March 14, 2024 — Reno

May 9, 2024 — Las Vegas

July 18, 2024 — Tonopah

September 12, 2024 — Las Vegas

November 14, 2024 — Reno

Future NCEES Meetings

NCEES Western Zone Interim Meetings

May 16–18, 2024 — Bozeman, Montana

NCEES Annual Meetings

August 14–17, 2024 — Chicago, Illinois

August 19–22, 2025 — New Orleans, Louisiana

21. Topics for Future Meetings

22. Public Comment

23. Adjournment