

Clark County is currently seeking applications for all positions mentioned above. All appointments to the CBBA will occur at a future BCC meeting, notification will be provided, and the appointments will be for a four-year term.

Application Overview:

If you are interested in applying for membership on the CBBA, please complete the application below. If you have any questions related to the CBBA or the application process, please email Theresa.Atimalala@ClarkCountyNV.gov.

Full Name: (First, Middle Initial, Last): Timothy D Douglas

Home Street Address: 8932 Ryan Creek Ave

Home Address City/State/Zip Code: Las Vegas, NV 89149

Mailing Address: Same

Mailing Address City/State/Zip Code: _____

Employer: Aries Consultants / Universal

Occupation: Engineer

Email Address: _____

Cell Phone: _____

Best Daytime Contact Phone: Cell

Please select what position you are apply for:

- ☐ Architect
- ☐ General Contractor
- ☒ Civil or Structural Engineer
- ☐ Residential Construction Industry Representative
- ☐ Master Electrician
- ☐ Mechanical Engineer
- ☐ Layperson
- ☐ Amusement and Transportation Systems Industry Representative

Relevant Affiliations: Please list below any other committees you are currently serving on. Please list, if applicable, the jurisdiction and term of appointment. If you were appointed by an individual and not by a local jurisdiction, please include that information. If you need additional space, please attach an additional sheet of paper.

I am not currently serving on any committees.

Skills and Experience: Please provide a brief description of your qualifications; include any special skills, interests, experience, or training which you possess or have completed that would benefit the work of the Combined Board of Building Appeals. If you need additional space, please attach an additional sheet of paper.

I have over 30 years of experience in various capacities and roles for many projects in Clark County and throughout the southwest. As a Civil Engineer I have been involved in several forensic cases that consisted of design flaws, construction defects, structural failures, and safety fatalities. It is almost a hobby of mine to follow construction cases like what happened to the condo collapse or bridge collapse in Florida. During my tenure with SNWA I was part of the DRB's (Dispute Resolution Boards) on multiple Capital Improvement Projects. The experience that I can bring to this Board is a well rounded background in many aspects of building construction and a deep history and roots in the Las Vegas Valley.

I hope the description above combined with my resume and any references on request will help propel to serious consideration for a position on the Combined Board of Building Appeals.

A resume or letter of interest is REQUIRED. Please attach it to this application.

I certify that the information provided in this application and supporting documentation is true and accurate to the best of my knowledge.

Tim Douglas
Signature

9/2/21
Date

Timothy D Douglas
Printed Name

TIMOTHY D. DOUGLAS, P.E.

8932 Ryan Creek Avenue • Las Vegas, NV 89149 • [REDACTED]

CIVIL ENGINEER / MATERIAL SCIENTIST

Accomplished engineer with significant experience in Material Processing, Heavy/highway, High-rise, Sports and Entertainment Venues, Commercial, and Residential construction. Specializing in operations, project management, and quality assurance/quality control. Possess extensive educational qualifications with Bachelor's degree in Civil Engineering, Graduate Studies and extensive continuing education credits in Construction Management and Material Science. **Core competencies and professional strengths include:**

- | | | |
|------------------------|-----------------------|------------------------|
| ➤ Concrete Plants | ➤ Project Development | ➤ Proposal Preparation |
| ➤ Concrete Expert | ➤ Project Scheduling | ➤ Risk Analysis |
| ➤ Asphalt Plants | ➤ ISO/IAS Compliance | ➤ Quality Assurance |
| ➤ Contract Preparation | ➤ PABCO Gypsum Plant | ➤ Safety Compliance |
| ➤ Testing / Analysis | ➤ Public Relations | ➤ Inspection Controls |
| ➤ Bid Development | ➤ Accreditation | ➤ Drilling/Grading |

PROFESSIONAL EXPERIENCE

Professional Engineer, Aries Consultants/Centurion Consultants, Las Vegas, NV, 5/16 – Present

Responsible as an approved Quality Assurance Agency with the Clark County Department of Building and Fire Prevention, as well as the Cities of Las Vegas, North Las Vegas, and Henderson. I have had the opportunity to work on some of the most exciting projects on the strip it has been a great time having made several connections with our clients, contractors, owners, engineers, government representatives and the trades.

- UNLV Medical Education Building – 5-story, 135,000 sq ft cast-in-place concrete; \$150 million
- Summit Club – Performed QAA inspections and final for several multi-million dollar Estates
- Sahara Pool and Hotel Remodel – Oversaw extensive grading of the pool area and new restaurants.
- Virgin Hotel and Pool Remodel – Work covered multiple permits.
- Fiesta Park – Large commercial plaza at Lake Mead and Fiesta Drive
- CalPortland, Las Vegas, NV – Reviewed and approved concrete and grout mix designs.
- PABCO Dome – 200-foot diameter storage dome with underground tunnel and conveying systems.
- Madison Square Garden Sphere at the Venetian – World's largest sphere at over 500-feet in diameter and a project budget of \$1.5 billion dollars.
- Resorts World – Performed slope stability analysis for excavations for MJ Dean and TAB. Drilled, tested and inspected micro-piles to reinforce tower foundation.
- Palms Pool and Hotel Remodel – Oversaw extensive ground remediation and pressure grouting of the old pool area, micro-piles for new foundations. Reconstruction of several new restaurants.
- City National Arena Knights Training Facility - 103,000 sq ft Steel Framed concrete and masonry structure with 2 rinks including offices, locker rooms, weight rooms, and a restaurant.
- Excalibur Parking Garage – 8 story, 3,200 parking space Post-tensioned concrete structure.
- Park Theater and Monte Carlo Resorts Upgrade – \$900 million 11 story concert venue and Hotel Remodel with 4 new pools, bars, restaurants, meeting rooms, and fire equipment upgrades.
- Aria Convention Center Expansion - \$150 million demo and conversion of Cirque De Soleil Theater oversaw the drilling operations of Hayward Baker and installation of cast-in-place deep caissons.
- Wynn Convention Center and Retail Plaza - New additions to the Wynn Resort.
- Ascaya Clubhouse – 21,000 sq ft approximately \$75 million concrete steel and masonry building with a pool and tennis courts as well as the Final QAA report for the City of Henderson special inspection agreement.
- Holy Spirit Catholic Church – 20,000 sq ft and roughly \$25 million masonry building located behind Bishop Gorman High School. Involved in the ground up construction to final completion and final report for the certificate of occupancy.

Engineering Manager – Sunbelt Engineering and Testing, Las Vegas, NV, 3/14 – 5/16

- Ascaya Clubhouse – Performed field investigations and the drilling for the Geotechnical Report for site recommendations and evaluation. Coordinated with the structural engineers and the design of the foundations.
- Jean Travel Center Terrible Herbst - Performed field investigations and the drilling for the Geotechnical Report for site recommendations and evaluation. Later at Aries I was responsible for the testing and inspections with Bentar for the construction of a 50,000 sq ft convenience store and 96 pump gas station.
- Responsible for several other Terrible Herbst and AM/PM convenience stores.

- Provided special inspections, testing, and final report for Goodwill on North Durango.

Project Engineer— Angle Engineering, Las Vegas, NV, 11/12 – 3/14

- Republic Services North Las Vegas Recycling Center – Performed field explorations by drilling and trenching several excavations across the 25-acre site to locate any potential faults and fissures. Worked on the grading and construction of the facility and on the final reports for CNLV.
- Camino Al Norte and Craig Road – 250-acre proposed mix use development. – Performed field explorations by drilling and trenching several excavations across the 25-acre site to locate any potential faults and fissures
- BLM Seed Warehouse Ely, NV - Performed field testing and inspections of the grading and concrete.
- Responsible for business development and proposals for the Boulder City Bypass and Whitney Lateral.

Quality Control Manager, Precast Management, Sloan NV, 7/12 – 11/12

- Southern Nevada Water Authority - Intake #3 tunnel liner sections.
- I-215 – Decatur to Tenaya - Soundwalls

Engineering Manager/Consultant, CTS, Las Vegas NV, 2011 – 2012

- First Solar Generating Plant, Primm, NV, Worked as Quality Control for Bechtel.
- National Ready Mix Association – Certified batch plants and mixer trucks for Las Vegas Paving, CalPortland and Aggregate Industries.

Project Engineer – Converse Consultants, Las Vegas, NV

- Developed, designed, and tested concrete mix designs Mike O'Callaghan/Pat Tillman Memorial Bridge • US-93 NV/AZ / Colorado River Bridge at Hoover Dam.
- Coordinated efforts between Contractor (Obayashi) and Supplier (Silver State Materials)
- Wrote Quality Control Plan for Obayashi for submission to FHWA
- Maintained database for over 500 mix designs for major regional ready-mix suppliers
- Quality Control coordinator for Pre-cast and field operations
- Monitored blasting and shot-crete on both sides of the Black Canyon
- Helped develop Thermal Control Plan for mass concrete pours on the canyon wall anchor blocks
- Trump Tower \$1.2 billion, 64-story – 1,282 unit tower on top of a six-level parking garage. Responsible for the testing and inspection program for 114,000 cubic yards of concrete. Project was 3-months ahead of schedule
- Wrote Quality Control Manual for AASHTO accreditation

Resident Engineer - Parsons Constructors • Pasadena, CA

- Orange County Sanitation District's \$2.5 billion Capital Improvement Program
- Performed design reviews and issued RFP's to Consultants for construction support services.
- Planned construction and staging areas within the two plants to accommodate the completion of secondary treatment expansions and comply with EPA standards by 2011.
- \$18MM 40,000 L.F. sewer and water mains / cities of Tustin and Orange
- Member of LA County Emergency Response Team for Disaster Relief

Construction Manager, Parsons/SNWA, Las Vegas NV

- Southern Nevada Water Authority \$1.5 billion Capital Improvement Plan, including the Sloan Pump Station that was awarded the Civil Project of the Year 2000 by the Nevada Contractors Association.
- Carlton Square/Twin Lakes Disinfection facilities consisting of two masonry structures to house the sodium hypochlorite tanks and controls for disinfecting the water supply.
- Six major transmission mains (mortar lined and mortar coated steel pipe) on the south, east, and north valley laterals that extended over 30-miles.
- Program finished roughly five years ahead of schedule and approximately \$50 million under budget
- Coordinated design efforts through 30%, 60%, and 90% review as well as an errata review of the specifications.
- Created and delivered O&M manuals and training procedures for start-up testing and commissioning
- Worked with GIS and maintenance to As-Build and record facilities throughout the Las Vega Valley

EDUCATION

Bachelor of Science	Civil and Environmental Engineering	University of Nevada Las Vegas	1994
Graduate Studies	Construction Management	University of Nevada Las Vegas	1999-2001

CERTIFICATION

State of Nevada	Civil Engineer	15262
State of Arizona	Civil Engineer	43714