



Builder + Engineering + Architectural + Forensic

San Jose San Francisco Sacramento Los Angeles

MARK E. RIESER II, MS, PE

PRESIDENT / CEO / FOUNDER / CIVIL ENGINEER

Civil/Structural Engineering-Soil Engineering-Transportation/Traffic Engineering-Hydraulic Engineering-Architectural Design-Asphalt Design-General Engineering/Building Contractor

Objective:

An Expert and President of a Design/Build “**active**” company that has managed, designed and constructed over 4000 units to include high-rise, single family homes, condominiums, townhomes, podiums, apartments, commercial buildings to include construction, management and design of over 500 miles of asphalt and roadway improvements, tunnels, San Francisco Airport, Santa Clara Light Rail, Southern Pacific Railroad, Caltrain, BART, bore and jack under highways and slide repairs to include the understanding of Civil/Structural Engineering, Soil Engineering, Transportation/Traffic Engineering, Hydraulic Engineering, Architectural Design, Asphalt Design, Cost Estimation, Public Works Design Bidding and Estimation, General Engineering/Building Contractor that can manage large construction teams with the understanding of the process of development, design, offsite construction and final sign-offs from “Cradle to Grave”.

Education:

Master of Science Degree in Civil Engineering from San Jose State University
Thesis: Lean Construction Methods for Multi-dwelling Units and Offsite Improvements
Minor Emphasis in Urban Planning

Bachelor of Science in Civil Engineering from San Jose State University

Registered Civil Engineer for the State of California (C # 57586)

Licensed General Engineering and Building Contractor since (# 815841)

Professional Affiliations:

Member of American Public Works Association (APWA)

Member of Associated General Contractors of American (AGC)

Member of American Society of Civil Engineers (ASCE)

Member of American Institute of Architects (AIA)



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Member of American Concrete Institute (ACI)

Member of Home Builders Association (HBA)

Member of Forensic Expert Witness Association (FEWA)

Recognition and Special Skills:

OSHA (Occupational Safety Health Administration) Instructor for State of California

Chi Epsilon Civil Engineering Honor Society member for final GPA over 3.6

UC Berkeley Advanced Training in Highway and Traffic Geometric Design

Advanced Training in Scheduling and Primavera Scheduling Programs for Caltrans

Outstanding Project Manager / Engineer of the Year for Caltrans

Award of Recognition from Assemblyman Ted Lempert for Highway 92 Project

State of California Environment Protection Agency (EPA) instructor

Microsoft Word, Excel, Microsoft Project, Autocad, Primavera, Timberline

WORK HISTORY:

Rieser Building Group, Inc. January 2006 – Present

President / Founder / Civil Engineer

Builder / Engineering / Architectural Design / Forensic / OSHA Regulations

Responsibilities include: Design/build various townhomes, single family homes, custom homes, commercial buildings, roads and streets and hillside repairs, performed soil reports, structural calculations, traffic level of service and forensic expertise with advance experience in OSHA regulations, reenactments with numerous mediations, depositions and trial experience. All design/build projects include all construction of building or offsite work with the responsibility of civil engineering (roads/grading/traffic/utility design), structural engineering and architectural design work for these projects.

Project History (Forensic Construction and Engineering):

Designated as an expert in over 450 Forensic Construction and Engineering cases throughout the United States to include:

- High-rise build with two and three level underground parking in San Francisco, San Mateo, Oakland, and Irvine to include Hilton hotel in Stockton, CA.



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- Highway Bridge Repairs in Oakland, San Francisco and Los Angeles
- Slide repairs throughout California
- Roadway and Highway improvements throughout California
- Concrete foundation, wood and steel construction in California and Mississippi
- Multiple Home Projects in San Francisco and Los Angeles areas
- Hydraulic design and construction
- Transportation and traffic design and construction
- Construction estimation
- Work closely with Los Angeles Depart Water Power and San Diego Gas and Electric on forensic cases.
- Over 40 depositions
- Designated as Expert in over 450 Construction and Engineering cases
- Testified in Court: General Contractor, Hydraulic engineering, Transportation / Traffic engineering, Cost Estimation, Soils Engineering Caltans' Expert

Plan Development 6 custom homes including slope modification in Saratoga, CA

- Developed plan presented to the City of Saratoga
- Cost of Construction, grading plan and Proforma

Designed Barrier Bridge and Screen for Caltrans along HWY 805 in San Diego, CA

Design/Build 4 single homes in San Jose, CA

Design/Build 354 unit apartment complex including Maintenance, Recreation and new parking lot in San Jose, CA

Design/Build Custom home, Larchmont in San Jose, CA

Design/Build Custom home, Madison Dr in San Jose, CA

Designed Duplex in San Jose, CA called "Wabash" Project

Design / Build / Restoration of historic building in Oakland, CA

- Approval process through historical society of Oakland
- Various building additions and restorations

Design/Build 5 townhomes in Watsonville, CA

Design/Build 4 custom homes in Watsonville, CA

Design/Build custom home in San Jose, CA

Soil Engineer of Record for custom home in Atherton, CA

Design/Build custom home in Atherton, CA

Engineer of record of design, structures and slope repairs for custom home in Los Altos, CA



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Design/Build slide repair with custom homes (2) in Portola Valley, CA

- **Developed Storm Water Pollution Plan per City regulations**
- **Earth Cut and Fill qualities**
- **Demolition plan**
- **Designed two custom homes**

Design/Build Mix-use Apartment (top) Commercial (bottom) Santa Cruz, CA

Designed and Plan Development of 6 single family, called “Michigan” Project in San Jose, CA

Plan Development of Site 88 High Rise Building in San Jose, CA at Saint James Park

- **Developed Construction schedule for Bank**
- **Performs for funding**
- **Cost of Construction**

Design/Build slide repair in Diamond Bar, CA

Plan Development of 45 “zero” lot line, single family homes along the hillside at Skyway and Monterey Highway in San Jose, CA

Design/Build five (5) custom homes in Diamond Bar, CA

Custom home for Chase Family include offsite construction in Los Gatos, CA

Designed single family home addition in Watsonville, CA

Soil reports for various custom homes

Developed 17 Single Family Homes in the Almaden Area of San Jose, CA for “Feed and Fuel” property with zero lot line.

- **Owner Representative Consultant**
- **Approved 30%, 60% and 100% design from Architect, Structural and Civil including offsite work**
- **Created construction budgets**
- **Developed construction specification**
- **Developed finished selections**

Design/Build 76 gas station in Watsonville, CA to include Commercial and City of Watsonville Public Works Project

- **Engineer of Record**
- **Approved Onsite and Offsite Construction**
- **Reviewed and approved Car Wash, Tanks and Commercial Building Construction**



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VP Construction/Owner Representative Consultant for Capital Pacific Homes, Inc. in Newport Beach, CA to include oversight of design, development and managed construction team to include SBI Construction, Inc. and Nexgen Construction, Inc. from January 2006 to January 2007.

- 9 single family homes in Campbell, CA
- 10 single family homes in Sunnyvale, CA
- Plan Development of High-rise building including, podium two level underground parking in Milpitas, CA.

Ross Construction, Inc. November 2004 – January 2006
General Contractor
Senior Project Manager

Responsibilities include: Offsite development, high rise steel construction, podium construction, developed schedules, developed specifications, sales and personnel management, budgeting, contracts, land acquisitions, peer reviews, **reviewed and approval all design** (Managed project from **Cradle to Grave**)

Projects:

5-acre 430 unit steel construction Apartment/ Condo high rise project in Santa Clara, CA with underground podium parking. Also included was large bore and jack discharge of Million Gallons of water a day to accommodate water utilities. **Project included 32,000 SQFT Office and Retail Space.** Also, constant communication with City of Santa Clara on design and approval

130 unit high rise steel construction condominium project in Palo Alto, CA
Project included 11,000 SQFT Office and Retail Space

Plan Development conversion of 75 apartments to condominiums in Half Moon Bay area.

Toll Brothers, Inc. July 2003 – November 2004
Developer and General Contractor
Senior Project Manager

Responsibilities include: Offsite development, condominium construction, podium attached units, marketing, developed specifications, schedules, sales and personnel management, budgeting, contracts, land acquisitions, set house prices, peer reviews, **reviewed and approval all designs**, options (Managed project **Cradle to Grave**)

Project History:

Villas at Sunnyvale, 106units at \$62 million post tension, type: townhome project.

Terraces at Dublin, 800units at \$192 million post tension, podium type condominium project

Legacy at Sunnyvale, 45 units at \$ 75 million, zero lot line with rear entry garages.

Demolition and mass grading of existing structural to build 45 units single family homes



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Greenbriar Homes Communities September 1999 – July 2003
Developer and General Contractor
Area Project Manager

Responsibilities include: Offsite development, large custom home tract development, managed 4 projects, developed homeowner disclosures, approved CCR's created office procedures, managed sales team, approved construction schedules, managed field procedure committees, purchasing agent, selected options, **reviewed and approved all designs** (Managed projects from **Cradle to Grave**).

Project History:

Bel Aire Project, Silver Creek, 310 units a \$155 million slab on grade, single family community at approximately 4,500 sq. ft. each

Bridle Creek, 150 units, \$190 million slab on grade, single family community

Pheasant Ridge 200 units, 220 million slab on grade, single family community

Greenbriar Community Apartments, 400 units a 36 million Project

Project included 6,000 SGFT Office and Retail Space

Greenbriar/Avalon Apartments, 2000 units in Sunnyvale, CA

Project included 24,000 SQFT Office and Retail Space

Veranda, 24 units a \$37 million slab on grade, in-fill project

Los Gatos Development, 40 unit, 160 million raised foundation homes

Alamo, 10 units a \$25 million slab on grade at approximately 7,000 sq. ft. each

Managed "**Trade in Program**" on buyers existing homes to modernize and resale

Pump Station for Bridle Creek project in Pleasanton, CA

- Designed, Constructed and Managed a Pump Station for a **Public Works Project for the City of Pleasanton.**

Highway 680 Barrier Rail and asphalt paving in Pleasanton, CA

- Approved design, Construction, specifications, scheduling materials and contracts

Caltrans

June 1991 - September 1999

District 4 Construction

Resident Engineer / Transportation and Traffic Engineering

OSHA instructor for General Contractors, Caltrans engineers and staff

Managed & constructed over 500 miles of asphalt / roadway improvement projects

Responsibilities include: Managed 15 person construction team, budgets, contracts, change orders, signed and stamped all changes, OSHA / storm water pollution instructor, developed all project schedules, won Outstanding Manager of the Year Award, designed various highways and streets in the San Francisco Bay Area.



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Project History:

Half Moon Bay Highway improvement project at a cost of \$45 million

Constructed and Approved design, specifications, schedule, materials and contracts

- Five (5) bridge widened to included steel pile driven abutments
- Seven miles of asphalt and roadway improvements along HWY 92
- Seven miles of “New” soil nail wall design and improvements
- Multiple acres of slide repairs

San Francisco Airport Renovation Project with Bart extension at a cost of \$100 million

Constructed and Approved design, specifications, schedule, materials and contracts

- Bart Extension Rail System
- Man Mover Pod System
- **40,000 SQFT commercial building**
- Multiple Traffic Signal Upgrades and Improvements
- Ingress and Egress ramps improvements into Airport
- 72 inch jack and bore system under Highway 101
- EPA “Red Legged Frog” and “Garner Snake” habitat
- Multiple Asphalt widening and site improvements

Highway 1 / Devil’s slide improvement project for 100 million

- Barrier bridge construction
- Metal net stabilization
- Various asphalt and roadway improvements
- Various drainage improvements

Multiple Highway 101 Highway widening Projects at a cost of \$134 million project

Constructed and Approved design, specifications, schedule, materials and contracts

- Asphalt and roadway improvements in San Mateo, CA
- Asphalt, **Rail Road** and roadway improvements at 3rd street near Foster City
- Various asphalt and roadway projects along Hwy 101, Hwy 85 and 8

Highway 101 Widening From 3rd Street to Kehoe Avenue in San Mateo, CA

- **Joint Venture with City of San Mateo on street improvements**
- **Southern Pacific Rail Road improvements**
- **Various asphalt improvements along HWY 101**

South San Francisco Slide repair at a cost of \$5 million

Constructed and Approved design, specifications, schedule, materials and contracts

- Various hill drainage and roadway improvements
- Onsite slide repair fixes
- Engineered fill design

Highway 1/Bay Street widening and bridge(s) in Santa Cruz at a cost of \$24 million

- Widened 2 Historical arch bridges and standard bridge along Highway 1
- Roadway widening and improvements for over 5 miles of road
- New signalized interchange
- Various sound and retaining walls

Highway 152 street improvement project in Watsonville, CA for 10 million

- Asphalt widening along Highway 152
- Installed new traffic signal system
- Various roadway and drainage improvements



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Highway 129 street improvements and bridge widening in Watsonville, CA for 18 million

- Installed steel piles for bridge abutment
- Installed new barrier rails
- Asphalt widening for approximately 4 miles along Highway 129
- Various drainage and roadway improvements

Highway 9 street and Rail Road (Train) improvement project for 8 million

- Improvement of Southern Pacific Rail Road track abutments
- Track realignment
- Track ballast improvements
- Various asphalt widening and roadway improvements

Highway 17 roadway and barrier project

- 30 miles of asphalt and roadway improvements
- New barrier improvement
- Install new edge drains along Highway 17

Highway 17 and Scotts Valley interchange improvement

- Construct new interchange
- Install new traffic signals
- Various asphalt widening and roadway improvements
- Numerous drainage improvements

Transportation / Traffic Engineering Designer to include designs of the following:

- Highway 85 & 87
- Highway 87 and Light Rail track system
- Highway 101
- Highway 17
- Devil's Slide repair
- Various Traffic signals and interchanges throughout Bay Area

Right of Way / Permit Engineer

- Approved right of way contracts
- Managed 300 miles of State highway for proper encroachment permits
- Managed McDonald Douglas Infrastructure and highway improvements

Palo Alto Engineering, Survey & Development Company June 1992 – June 1993

- Developed various properties in Palo Alto, CA
- Various survey to include close traverse and set elevation points
- Roadway design
- Retaining wall design

Completed two year highway/traffic design and construction rotational program

to include advanced studies in traffic interchange, traffic signaling, geometric design, railroad tracks, slope repairs and highway improvements to also includes advance studies in hydraulic and hydrology design.



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DMS Consulting Engineers (Owner) January 1997 - August 1999
Partner (owner) second job
Belmont, CA

Responsibilities include: Designed and managed home improvement projects, created oversight teams for municipalities, developed storm water pollution plans Occupation Health and Safety Administrator (OSHA) instructor to various City employees

Project History:

Home improvement Project Sacramento, CA \$500,000
City of San Mateo Sewer Improvement Project, a \$1 million project

Mark Thomas and Company April 1990 - June 1991
Project and Highway/Traffic Engineering

Responsibilities include: Project and Highway/Traffic Engineer, inspector, Write change orders, approve contracts, survey, specifications, approve submittals

Project History:

Highway 237/McCarthy over-crossing at \$45 million. **Designed the over-crossing and later managed the construction as the project engineer**

Parsons Brinkerhoff Quade Douglas January 1988 - April 1990
Highway and Traffic Engineering

Responsibilities include: Highway and Traffic Engineer and plan reviewer

Project History:

Designer of the "New" Highway 85 and various street crossings from Morgan Hill, CA to Mountain View, CA.

- Design and realignment of over 100 miles of roadway for new Highway 85.
- Dirt balance for new alignment
- Caltrans consultant inspector of new Highway 85 Steel column cages and roadway improvements.
- New highway 85/87 alignment with new Light Rail Track System

DKS & Associates January 1987 - January 1988
Traffic Engineering

Responsibilities include: Traffic Engineering to include street alignments, level of service geometric alignments, HOV lanes and signal design and layout.

Project History:

Traffic Engineering for a **new development in Fresno, CA** to include street alignment, level of service, intersection design, signal design, railroad track alignment. **Worked closely with the City of Fresno Publics Works Department of design, estimates and construction.**

Developed studies of various interchanges throughout the San Francisco Bay Area



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Kiewitt Pacific Company
Project Engineer

February 1986– January 1987

Responsibilities include: Project Engineer, inspector, 24-hour tunnel inspection
Approved all installation for tunnel and treatment plant to include OSHA requirements, scaffolding, building construction, earthwork, offhaul, road construction and tank alignment

Project History:

- Santa Teresa Water Treatment Plant at a cost of \$150 million
- Twenty-four hour tunnel operation
- Twenty foot (20) diameter tunnel with track system with continuous shoring
- Various checking, offhaul material and constant surveying for checking

CH2MHill

January 1985 – February 1986

Traffic Engineering

Responsibilities include: Traffic Engineering to include managed traffic data teams, design, street alignment, level of service and signal and interchange layout

Project History:

Traffic engineering for various street intersections along First Street in San Jose, CA

Arnold & Son Surveying Company

June 1984 – December 1984

- Reviewed and check survey field data
- Check traverses
- Develop grading plans

Cummings Company

February 1984 – January 1985

- Demolition of existing steel commercial buildings in San Jose, CA
- Assist in steel framing and reconstruction

Abe Construction Company

May 1983 – February 1984

- Demolition structures in Sunnyvale, CA
- Demolition deposal
- Assist in remodel wood framing
- Assist in new and existing plumbing for remodel