

BRODERICK ENGINEERING, LLC

CIVIL & STRUCTURAL ENGINEERING CONSULTANTS

6859 E. REMBRANDT AVE, SUITE 124 • MESA, ARIZONA 85212 • 480.926.6333 • FAX 480.926.3999
4750 N. ORACLE ROAD, SUITE 115 • TUCSON, ARIZONA 85705 • 520.887.9416 • FAX 520.887.9486



Greg Broderick

Principal

greg@broderickeng.com

Education

University of Arizona, BS Civil Engineering, 1997

University of Arizona, MS Civil Engineering, 1999

Professional Registration

Structural Engineer, Arizona, 2002, Reg. No. 37376

Professional Engineer, New Mexico, 2007, Reg. No 18136

Professional Affiliations

American Institute Steel Construction
American Concrete Institute

Areas of Expertise

Structural Engineering
Special Inspection
Municipal
Educational
Office
Residential

SUMMARY OF PROFESSIONAL EXPERIENCE

Broderick Engineering, LLC, is a full service Civil & Structural engineering firm. Mr. Greg Broderick, P.E., M.S., is the principal in charge. Mr. Greg Broderick has over fifteen years of experience in his field. Mr. Greg Broderick's experience encompasses; educational facilities, municipal projects, commercial projects, religious facilities, and medical facilities. Mr. Greg Broderick established Broderick Engineering LLC, on September 2, 2005, in order to provide, and maintain, a quality of professional services to the client. Prior to establishing Broderick Engineering LLC, Mr. Greg Broderick was the Vice President of a thirty person firm and managed a branch office. Broderick Engineering has offices in Mesa and Tucson Arizona.

PROJECT EXPERIENCE:

Maricopa High School, Gilleland Brubaker Architects, Maricopa, Arizona, Design with Structural Observation, Construction Cost = \$30,000,000, completed August 2008

Maricopa Middle School, Gilleland Brubaker Architects, Maricopa, Arizona, Design with Structural Observation, Construction Cost = \$12,504,212, completed August 2008

Cartwright Middle School, EMC2 Group Architects Planners, PC, Phoenix, Arizona, Design with Structural Observation, Construction Cost = \$13,119,890, September 2008

Glenwilde (Saddleback) Elementary School, Gilleland Brubaker Architects, Maricopa, Arizona, Design with Structural Observation, Construction Cost = \$10,372,339, completed August 2008

Village (Butterfield) elementary School, Gilleland Brubaker Architects, Maricopa, Arizona, Design with Structural Observation, Construction Cost = \$10,420,578, completed August 2008

UPSI K-12 Charter School, Gilleland Brubaker, Mesa, Arizona, Design with Structural Observation, Construction Budget \$26,000,000, start construction in late 2009

Arizona Army National Guard Silverbell Fire Station, Hunt & Caraway Architects *Marana, Arizona*, Design with Structural Observation, Construction Cost = \$x,xxx,xxx, completed 2009

Camp Navajo Fire Station, Hunt & Caraway Architects, Camp Navajo, Arizona, Design, Construction Cost = \$x,xxx,xxx, completed 2008

El Corridor Hotel, SBBL Architecture and Planning, Tucson, Arizona, Design with Structural Observation, Construction Budget \$ 10,000,000, start construction middle 2009

COMMERCIAL / OFFICE

Abart Self Storage, *Chandler, Arizona*
Ace Rental, *Tucson, Arizona*
Action Communication Foundations, *Tucson, Arizona*
Airline Automation, *Tucson, Arizona*
Akin-Chin Elder Center, *Akin-Chin Indian Reservation, Arizona*
Allegra Printing and Imaging, *Show Low, Arizona*
Alpine Business Park, *Show Low, Arizona*
Arby's, *Glendale, Arizona*
Avondale Self Storage, *Avondale, Arizona*
Aztec Lighting, *Phoenix, Arizona*
Big-O Tire, *Las Vegas, Nevada*
Car Wash, *Tucson, Arizona*
Car Spa, *Marana, Arizona*
Central Arizona Block, *Sierra Vista, Arizona*
Clarendon Office Building, *Phoenix, Arizona*
Clayton National, *Scottsdale, Arizona*
Concrete Design Warehouse, *Tucson, Arizona*
Cosmopolitan Saloon, *Florence, Arizona*
Creekview office Building, *Pinal County, Arizona*
Dana Professional Plaza, *Mesa, Arizona*
Desert View Office and Shop Foundations, *Tucson, Arizona*
Eastpointe Commerical Center, *Tucson, Arizona*
Ebbett Interiors, *Scottsdale, Arizona*
Equitable Health Club renovation, *Phoenix, Arizona*
Ethan Plaza, *Gilbert, Arizona*
Fiesta Professional Plaza, *Tucson, Arizona*
Filiberto's @ 83rd Ave, *Glendale, Arizona*
Foothills Bank Addition, *Yuma, Arizona*
Fox Theater, *Tucson, Arizona*
Fry's Retail Shops 4, 5, 6, and 7, *Tucson, Arizona*
Fitzgibbon – Henry Horne Office Building, *Case Grande, Arizona*
Fresh & Easy – 12th street and Bell, *Phoenix, Arizona*
Fresh & Easy – 19th Ave and Greenway, *Phoenix, Arizona*
Fresh & Easy – 48th street and Ray, *Phoenix, Arizona*
Fresh & Easy – 91th Ave and Union Hills, *Phoenix, Arizona*
Fresh & Easy – Brown and Recker, *Mesa, Arizona*
Fresh & Easy – Camelback and 35th Ave, *Mesa, Arizona*
Fresh & Easy – Elliot and Alma School, *Chandler, Arizona*
Fresh & Easy – Gilbert and Southern, *Mesa, Arizona*
Fresh & Easy – Guadalupe & Higley, *Gilbert, Arizona*
Fresh & Easy – Guadalupe & Gilbert, *Gilbert, Arizona*
Fresh & Easy – Kyrene and Baseline, *Tempe, Arizona*
Fresh & Easy – Pima & Unions Hills, *Scottsdale, Arizona*
Fresh & Easy – Scottsdale and Shea, *Phoenix, Arizona*
Gale Insulation, *Tucson, Arizona*
Gas City, *Sierra Vista, Arizona*
Gas City Car Wash & Lube, *Benson, Arizona*
GMAC Office Addition, *Yuma, Arizona*
Gooden Goose Thrift Store, *Tucson, Arizona*
Grimaldi Pizzeria, *Cave Creek, Arizona*
Happy Valley Bldg B & C, *Phoenix, Arizona*
Holliday Hill Commercial, *Prescott, Arizona*
I-10 Business Park, *Phoenix, Arizona*
Interstate Business Park, *Tucson, Arizona*

Jack in the Box, *Nogales, Arizona*
Jiffy Lube, *Casa Grande, Arizona*
Johnson Bank, *Scottsdale, Arizona*
Jongeward Office Building, *Yuma, Arizona*
La Paloma Health Spa, *Tucson, Arizona*
Liberty Drywall, *Tucson, Arizona*
Lexus Dealership, *Santa Fe, New Mexico*
Malapai Pines, *Show Low, Arizona*
Mahoney Office, *Tucson, Arizona*
Mahoney Office, *Casa Grande, Arizona*
Mammoth Lakes Mixed Used Building, *Mammoth Lakes, California*
Mariposa Self Storage, *Nogales, Arizona*
Midway Mini Storage, *Navajo County, Arizona*
Moak Law Office, *Mesa, Arizona*
Monarch Restaurant & Pub, *Yuma, Arizona*
Montessa Hall, *Pinal County, Arizona*
Montessa Tennis Center, *Pinal County, Arizona*
Napa Auto Parts Addition, *Tucson, Arizona*
Naturally Women, *Gilbert, Arizona*
NMC Foothills, *Tucson, Arizona*
North End Diner, *Yuma, Arizona*
North Oracle Retail, *Tucson, Arizona*
Norwest Bank, *Yuma, Arizona*
Oakwood Homes Office Building, *Denver, Colorado*
Paquin Office Building, *Yuma, Arizona*
Pecos Business Park, *Mesa, Arizona*
Pierpont Business Court, *Mesa, Arizona*
Pinetop Trading Post, *Pinetop, Arizona*
Pirate's Fish and Chips, *Mesa, Arizona*
San Jose Plaza, *Tucson, Arizona*
Saguaro Ranch, *Tucson, Arizona*
Seattle Mariners Clubhouse Addition, *Peoria, Arizona*
Sells Convenience Store, *Sells, Arizona*
Shaffery Law Office, *Pinetop / Lakeside, Arizona*
Sigma, *Tucson, Arizona*
Specialist, *Tucson, Arizona*
Sterling Warehouse Foundation, *Nogales, Arizona*
St. John Manor, *Glendale, Arizona*
Taco Tote, *Phoenix, Arizona*
Tinder Box T.I., *Mesa, Arizona*
Thoryndale Self Storage, *Tucson, Arizona*
Trico Electric Cooperative, *Marana, Arizona*
Trico Convenience Store, *Marana, Arizona*
Truly Nolan Headquarters, *Tucson, Arizona*
Tucker Housewares, *Kingman, Arizona*
Tuscany Village Restaurant Building, *Gilbert, Arizona*
Tuscany Village Retail Shops, Building A and B, *Gilbert, Arizona*
Uncle Bear Grill T.I., *Mesa, Arizona*
Van Leer Insurance Addition, *Scottsdale, Arizona*
Village Inn, *Phoenix, Arizona*
Ventana Plaza, *Tucson, Arizona*
Wendy/Pizza Hut, *Tucson, Arizona*
White Stallion Ranch, *Tucson, Arizona*
White's Hardware, *Tucson, Arizona*
Wild Horse Pass Gas Station, *Chandler, Arizona*

WME Theaters, *Pinetop-Lakeside, Arizona*
World Gym, *Somerton, Arizona*
Young Block, *Tucson, Arizona*

EDUCATION/UNIVERSITY

Aguila Elementary, *Aguila, Arizona*
Alterra North Elementary, *Maricopa, Arizona*
Arlington Elementary School, *Arlington, Arizona*
Arrowhead Elementary MPR, *Phoenix, Arizona*
Barry Goldwater High School #2 Culinary T.I., *Phoenix, Arizona*
Bales Elementary School, *Buckeye, Arizona*
Belair Elementary MPR, *Phoenix, Arizona*
Benson District Addition and Improvements, *Benson, Arizona*
Buckeye Multipurpose Building & Classroom, *Buckeye, Arizona*
Buckeye Administration Renovation, *Buckeye, Arizona*
Cartwright Middle School, *Phoenix, Arizona*
Casa Grande Administration Building, *Casa Grande, Arizona*
Casa Grande Elementary School, *Casa Grande, Arizona*
Casa Grande Middle School, *Casa Grande, Arizona*
Case Grande Ocotillo HVAC upgrade, *Casa Grande, Arizona*
Casa Grande Auditorium HVAC upgrade, *Casa Grande, Arizona*
CDO High School Restroom T.I., *Tucson, Arizona*
Cedar Hills Elementary, *Kingman, Arizona*
Chandler-Gilbert Community College Backstop, *Chandler, Arizona*
Cholla High School Central Plant, *Tucson, Arizona*
Cholla Elementary Multi Purpose Building, *Case Grande, Arizona*
Constitution Elementary MPR, *Phoenix, Arizona*
Coronado K-8 Addition, *Tucson, Arizona*
Cottonwood Elementary Multi Purpose Building, *Case Grande, Arizona*
Dan Hinton Accommodation School, *Tucson, Arizona*
Deer Valley Administration Addition, *Phoenix, Arizona*
Duncan High School, *Duncan, Arizona*
Esperanza Elementary MPR, *Phoenix, Arizona*
Florence High School, *Florence, Arizona*
Florence High School Practice Gym, *Florence, Arizona*
Florence K-8 School, *Florence, Arizona*
Heritage Academy Addition, *Mesa, Arizona*
Higley Transportation Building, *Gilbert, Arizona*
Lounge Building @ Transportation Facility, *Gadsden, Arizona*
Kings Ridge Elementary School Field House, *Phoenix, Arizona*
Maricopa District Office, *Maricopa, Arizona*
Maricopa Glenn Wilde Elementary, *Maricopa, Arizona*
Maricopa High School, *Maricopa, Arizona*
Maricopa High School Library Renovation, *Maricopa, Arizona*
Maricopa High School Fine Arts Renovation, *Maricopa, Arizona*
Maricopa Multipurpose Building, *Maricopa, Arizona*
Maricopa Kitchen Addition & Deficiency Upgrades, *Maricopa, Arizona*
Maricopa Tortosa Elementary School, *Maricopa, Arizona*
Maricopa Tortosa Middle School, *Maricopa, Arizona*
Maricopa Villages Elementary School, *Maricopa, Arizona*
Maricopa Well Middle School Gym, *Maricopa, Arizona*
Mary Meredith K-12 Replacement Facility, *Tucson, Arizona*
Metro Tech High School Auto Shop T.I., *Phoenix, Arizona*
Mt. Eldon Middle School Addition, *Flagstaff, Arizona*
Li Cima Middle School Addition, *Tucson, Arizona*

Park Meadow Elementary MPR, *Phoenix, Arizona*
Prince Elementary School Addition, *Tucson, Arizona*
Pusch Ridge Christian Academy High School Addition, *Oro Valley, Arizona*
Quartzsite Elementary Maintenance Bldg, *Quartzsite, Arizona*
Queen Creek Elementary North and South side Classroom additions, *Queen Creek, Arizona*
Queen Creek Administration Building, *Queen Creek, Arizona*
Queen Creek HS Cafe remodel, *Queen Creek, Arizona*
Rancho Viejo Elementary School, *Yuma, Arizona*
Rio Colorado Multi-purpose room, *Gadsden, Arizona*
Riverside Elementary School Field House, *Phoenix, Arizona*
Round Rock Elementary School, *Roundrock, Arizona*
Royal Palm Middle School, *Phoenix, Arizona*
Sahuarita Admin Addition, *Sahuarita, Arizona*
Sahuarita K-8 School, *Sahuarita, Arizona*
Sahuarita High School Classroom Addition, *Sahuarita, Arizona*
Sahuarita High School, *Sahuarita, Arizona*
Santa Rosa Elementary, *Maricopa, Arizona*
Santa Rosa Elementary II, *Maricopa, Arizona*
Safford Elementary School, *Safford, Arizona*
Santa Cruz Elementary, *Santa Cruz, Arizona*
Santa Cruz Elementary, *Maricopa, Arizona*
Sentinel School, *Sentinel, Arizona*
Sells School Canopy, *Sells, Arizona*
Solomon Elementary School, *Solomon, Arizona*
Somerton Elementary School, *Somerton, Arizona*
Sunnyside Elementary School, *Tucson, Arizona*
Sunnyside Middle School, *Tucson, Arizona*
Sunnyside Head Start, *Tucson, Arizona*
Sunridge Elementary Classroom Addition, *Phoenix, Arizona*
Sunrise Elementary MPR, *Phoenix, Arizona*
Tanque Verde High School, *Tucson, Arizona*
Tohono O'odham Head Start, *Tohono O'odham Nation, Arizona*
Tully Elementary School Investigation, *Tucson, Arizona*
Tucson Islamic Charter School, *Tucson, Arizona*
Tucson High "V" Building, *Tucson, Arizona*
Vesey Elementary School Addition, *Tucson, Arizona*
Village Meadow Elementary MPR, *Phoenix, Arizona*
West Valley Child Care Facility, *Phoenix, Arizona*
Yuma Middle School, *Yuma, Arizona*
Yuma High School Shade Canopy, *Yuma, Arizona*
University of Arizona Transition Building Science & Technology Park, *Tucson, Arizona*
UPSI Charter K-12 School, *Mesa, Arizona*

MUNICIPAL

Arizona Army National Guard Silverbell Fire Station, *Marana, Arizona*
Avondale Fire Station #171 Addition, *Avondale, Arizona*
Avondale Fire Station #173, *Avondale, Arizona*
Buckeye Park Concession Stand, *Buckeye, Arizona*
Buckeye United States Postal Service Addition, *Buckeye Arizona*
Camp Navajo Fire Station, *Camp Navajo, Arizona*
Camp Navajo Control Range Tower addition, *Camp Navajo, Arizona*
City of Phoenix Old Fire Station No. 30 – Partition Beam, *Phoenix, Arizona*
City of Phoenix Fire Station No. 31 – Column removal at Bay, *Phoenix, Arizona*
City of Phoenix Fire Station No. 42 – Column removal at Bay, *Phoenix, Arizona*
City of Sierra Vista Transit Center, *Sierra Vista & Ft. Huachuca, Arizona*

City of Phoenix South Mountain Community Center Renovation, *Phoenix, Arizona*
 City of Tucson Public Safety Training Academy - Dormitory Facility, *Tucson, Arizona*
 City of Tucson Public Safety Training Academy - USDA Forest Service Heliport Facility – *Tucson, Arizona*
 City of Tucson Fire Station No. 6, *Tucson, Arizona*
 City of Tucson Fire Station No. 7, *Tucson, Arizona*
 City of Tucson Lambert Lane Fire Station, *Tucson, Arizona*
 City of Tucson Fire Department Storage Facility, *Tucson, Arizona*
 Clements Center, Phase II, *Tucson, Arizona*
 Coolidge United States Postal Service Addition, *Coolidge Arizona*
 Douglas Aquatic Racquetball Court, *Douglas, Arizona*
 Golder Ranch Fire Station, *Oro Valley, Arizona*
 Green Valley Library Addition, *Green Valley, Arizona*
 League City Police Department Addition, *League City, Texas*
 McNary Fire Station, *McNary, Arizona*
 Northwest Fire Station #35, *Tucson, Arizona*
 Nogales Airport Waterline, *Nogales, Arizona*
 Pima County Southside Admin. Addition, *Tucson, Arizona*
 Rio Salado Retaining Walls, *Tempe, Arizona*
 Snowflake Fire Station, *Snowflake, Arizona*
 Southwest Park and Monuments, *Tucson, Arizona*
 Surprise Fire Station No. 301, *Surprise, Arizona*
 Surprise Fire Station No. 303 *Surprise, Arizona*
 Sun City West Fire Administrative Facility, *Sun City, Arizona*
 Sun Lakes Fire Station No. 1, *Sun Lakes, Arizona*
 Sun Lakes Fire Station No. 2, *Sun Lakes, Arizona*
 Town of Marana Bath House, *Marana, Arizona*
 Tucson Mountain Park Visitors Center, *Tucson, Arizona*
 White Mountain Fire Management Building, *Whiteriver, Arizona*

CHURCHES/RELIGIOUS FACILITIES

All Saints Lutheran Church, *Phoenix, Arizona*
 Bella Vista LDS Church Bldg, *Gilbert, Arizona*
 Buckeye 1st Ward LDS Church Bldg, *Buckeye, Arizona*
 Chandler Heights LDS Church Bldg, *Queen Creek, Arizona*
 Church of God, *Tucson, Arizona*
 Cooper 1, 2, and 3 Ward Building roof investigations, *Chandler, Arizona*
 Cooper 3rd & 4th Wards LDS Church Bldg, *Chandler, Arizona*
 Desert Palms Church, *Chandler, Arizona*
 Estrella Mountain Church, *Goodyear, Arizona*
 Faith Bible Church, *Phoenix, Arizona*
 Flagstaff LDS Steeple Renovation, *Flagstaff, Arizona*
 Foothills Baptist Church – New Worship Center, *Ahwatukee, Arizona*
 Highland Church Buildings A and C, *Scottsdale, Arizona*
 Highland Church Youth Building, *Scottsdale, Arizona*
 Highland Ranch LDS Church Bldg, *Gilbert, Arizona*
 Higley Grove LDS Church Bldg, *Gilbert, Arizona*
 Fountain of Life Columbarium, *Tucson, Arizona*
 Immaculate Heart, *Tucson, Arizona*
 Ironwood Stake Center LDS Church Bldg, *Queen Creek, Arizona*
 Morningside LDS Stake Center, *Pinal County, Arizona*
 Mt. Zion Lutheran Church, *Tucson, Arizona*
 New Life Baptist Fellowship, *Tucson, Arizona*
 New Joy Ministries, *Youngstown, Arizona*
 Palmcroft Baptist Church Addition, *Phoenix, Arizona*

Peoria North Stake Center LDS Church Bldg, *Maricopa County, Arizona*
Rita Ranch LDS Church, *Tucson, Arizona*
Sahuarita LDS church addition, *Sahuarita, Arizona*
San Carlos LDS Church, *San Carlos Indian Reservation, Arizona*
Santa Rita LDS Church, *Mesa, Arizona*
Scottsdale Bible Renovation, *Scottsdale, Arizona*
Snowflake LDS Temple Parking Expansion, *Snowflake, Arizona*
St. Anges Catholic Church Renovation, *Phoenix, Arizona*
St. Francis de Sales Parish, *Tucson, Arizona*
St. John Lutheran Church Remodel, *Glendale, Arizona*
Tempe Church of the Nazarene Renovation, *Tempe, Arizona*
Templo de Ebenezer, *Yuma, Arizona*
U of A Institute Addition, *Tucson, Arizona*
Val Vista LDS Church Building, *Mesa, Arizona*
Verde Vista LDS Ward Building, *Surprise, Arizona*

HEALTH CARE

Canada del Oro Medical Facility, *Tucson, Arizona*
Family First Physicians, *Mesa, Arizona*
Hospice of the Valley – Dobson House, *Chandler, Arizona*
Marana Health Center Renovations, *Marana, Arizona*
Miller's Pet Hospital, *Tucson, Arizona*
Noe's Ark Veterinary Clinic, *Mesa, Arizona*
Sierra Vista Women's Center, *Sierra Vista, Arizona*
Tyler Veterinary Clinic, *Benson, Arizona*
University of Arizona MRI Room Expansion, *Tucson, Arizona*

HOSPITALITY

El Corridor Hotel, *Tucson, Arizona*
Forty Niners' Country Club, *Tucson, Arizona*
Holiday Inn Express, *Pinetop, Arizona*
Mira Vista Resort, *Marana, Arizona*
Saguaro Guest Ranch, *Tucson, Arizona*
Seven Canyon Turn Building, *Sedona, Arizona*
Seven Canyon Pool/Fitness Building, *Sedona, Arizona*
Skyline Country Club Addition, *Tucson, Arizona*

MILITARY

Bachelor Enlisted Quarters, Marine Corps Air Ground Combat Center, *Twenty-Nine Palms, California*
City of Sierra Vista Transit Center, *Sierra Vista & Ft. Huachuca, Arizona*
Davis-Monthan Air Force Base Post Office Canopy, *Tucson, Arizona*
Davis-Monthan Air Force Base 358th Squad Ops Addition, *Tucson, Arizona*
Fallon Naval Air Station - Bachelor Officer's Quarters, Phase 2, *Fallon, Nevada*
Fallon Naval Air Station - Bath House, *Fallon, Nevada*
Fallon Naval Air Station - Supply Warehouse, *Fallon, Nevada*
Luke Air Force Base Simulation Building, *LAFB, Arizona*
MCAS Housing, *Yuma, Arizona*

RESIDENTIAL

Clevenger Residence, *Alpine, Arizona*
Cusack Residence, *Tucson, Arizona*
Embree Residence, *Gilbert, Arizona*
Emerald Park Apartment Addition, *Phoenix, Arizona*
Flemming Residence Addition, *Phoenix, Arizona*

Fetters Residence, *Cave Creek, Arizona*
Henkel Residence, *Tucson, Arizona*
Ice House Lofts, *Tucson, Arizona*
Le Residence, *Tucson, Arizona*
Lot 35 Stoneridge Estates, *Fountain Hills, Arizona*
Lot #42 Street of Dreams, *Scottsdale, Arizona*
Peters Residence, *Phoenix, Arizona*
Ozinga Residence, *Pinal County, Arizona*
Park Meadows Apartments, *Yakima, Washington*
Ponderosa Condo, *Mt. Lemon, Arizona*
Post-Tension Foundation Design for Models at The Springs, *Green Valley, Arizona*
Quad Plex Housing, *Mesa and Gilbert, Arizona*
Richard's Garage Addition, *Tucson, Arizona*
Riverwalk Townhomes, *Tucson, Arizona*
Shcolnik Residence, *Paradise Valley, Arizona*
Steinberg Apartment, *Apache Junction, Arizona*
Violette Residence, *Phoenix, Arizona*
Wick Residence, *Mule Mountain, Arizona*