



Consulting Engineers

KEEPING OUR SIGHTS ON YOUR HORIZON

Electrical
Low Voltage
Mechanical
Plumbing

Mission Statement

HPA Consulting Engineers aspires to be the premier MEP Engineering partner of choice by exceeding our client's expectations through integrity, innovation, efficiency, and expertise.

HPA Consulting Engineers is a professional consulting electrical, mechanical and plumbing engineering firm. The principals and staff have over 40 years of combined experience providing design, analysis and consulting services in many areas such as hotels, hotel/casinos, hotel/residences, educational facilities, offices, medical facilities, retail facilities as well as numerous other facilities with a varying range of requirements.

We offer professional expertise in all phases of electrical, low voltage, mechanical and plumbing systems design. This expertise includes the following but is not limited to:

- Preparation of electrical, low voltage, mechanical and plumbing plans and specifications for building design.
- Building Analysis including site assessments and recommendations.
- Energy code compliance and calculations.
- LEED efficient designs.

Electrical

- Design of power distribution systems from the utility company service entrance to the branch circuit device.
- Design experience in 12.47 kilovolt, 480 volt, 240 volt, 277 volt, 208 volt and 120 volt systems.
- Design experience in power generation and utility paralleling systems up to and exceeding 10 MVA.
- Experienced in Life Safety Systems design including NFPA 101.
- Interior and exterior lighting design.
- Emergency power systems design.
- Fault current and coordination studies.
- Voltage drop calculations.
- Lighting photometrics.

Low Voltage

- Data and communication low voltage systems.
- Equipment layouts and data matrices.
- CCTV and security systems design.

Mechanical

- Design of building HVAC systems including evaporative cooling, hydronic heating and cooling, air cooled and water cooled DX packaged units, heat recovery, and variable air volume systems.
- Food service HVAC designs.
- Air-side and water-side distribution design.
- Indoor air quality studies and design.

Plumbing

- Design of building plumbing systems including sanitary sewer, domestic water, domestic hot water, storm, and natural gas piping.

HPA Consulting Engineers provides a high standard of professionalism and courtesy with emphasis on meeting your project schedules and requirements.

We have the experience necessary to engineer, design, produce construction documents and provide construction administration. The following is a brief description of our most notable projects that our engineers have designed while as employees or as owners of other engineering firms, as well as here at HPA:

Casinos and Hotels:

- **The Cosmopolitan Hotel and Casino Las Vegas, NV** – Original electrical build(*), 3rd Floor Restaurant TIs(*), Burger Restaurant(*), Noddle Restaurant(*), Coffee Shop(*), Spa(*), Blue Ribbon Restaurant(*), STK Restaurant(*), Scarpetta Restaurant(*), Jaleo Restaurant(*), Pizza Kitchen(*), Wine Room(*), Skins TI(*), CSRV TI(*), Retrospec TI(*), Artist Residence(*), Valet System(*), Garage Parking System Addition(*), Marquee Nightclub(*), Electrolysis Addition(†), Heat Exchangers(†), Data Annex Redesign(†) and BOH Remodel(†), Event Center(†) and Social Club(†).
- **Caesars Palace Hotel and Casino Las Vegas, NV** - Augustus Tower(*), Nobu Tower and Restaurant Remodel(**), Outdoor Plaza and Kiosks(*), Spa Expansion(*), Poker Room Addition(*), Guy Savoy Restaurant(*), Showroom Rigging(*), Colosseum Retrofit(*), Spa Tower(*), Pedestrian Bridges Modification(*), Restaurant TI/Roman Plaza(*), Fountain Lighting(*), Auto Valet(*), Surveillance UPS Addition(*), Nero's Remodel(*), EDR Remodel(*), Room Service Remodel(*), Housekeeping Expansion(*), Pit Remodels(*), Plaza Enhancements(*), Snakus Maximus Remodel(*), Bell Desk Conversion, Bradley Ogden Restaurant Renovation(*), Pool Boy Cabana Addition(*), Diamond Lounge(*), Total Rewards and Cage Remodel(*), Roman Baths Remodel(*), Wedding Chapel Offices(*), Registration Offices(*), 26th Floor Suites(*), Keno Counter Addition(*), Check-in Remodel(*), Leifer Gallery(*), Training Rooms(*), Rao's Restaurant(*), and Beauty Salon(*).
- **Green Valley Ranch Hotel and Casino Las Vegas, NV**(*) – Phase I, Phase II, Phase III, Bullshrimp Restaurant, Stage Deli Restaurant, Whiskey Sky Bar, Pizza Restaurant, Pylon Sign Power, Arcade TI, Pool and Spa, Sports Book Remodel, Viva Salsa Restaurant, Parking Garage Additions, Retail Connector, Ethel M, Plunge Pool Addition, Steakhouse Restaurant, Nightclub/Meeting Room, Irish Pub, and Drop Bar Remodel.
- **Paris Hotel and Casino Las Vegas, NV** – Original electrical build(***), Mandara Spa(*), Suites Remodel(*), Gustav's Bar TI(*), Sport's Book Bar Remodel(*), High Limit Service Bar Remodel(*), Casino Service Bar #2 / Women's Toilet(*), Valet Lobby(*), VIP Pantry Remodel(*), Boulangerie Remodel(*), Le Crepery TI(*), Cook/Chill Addition(*), Concession Stand(*), Opera House(*), Meat Locker(*), Restaurant and Club(*), Cell Site, Office Relocation(*), High Limit Slots Renovation(*), and St. Louis Café TI(*).
- **Sunset Station Hotel and Casino Las Vegas, NV**(*) – Casino Addition, Steakhouse Addition, 2nd Floor Tower Buildout, Site Lighting, Bowling and Restaurant Expansion, Poker Room, Gordon Beers TI, Asian Kitchen, Buffet Remodel, Computer Room, East Entry Remodel, Platinum Lounge Remodel, Hi-Limit Slot/Restroom Remodel, Warm Springs Sign Addition, Martini Bar TI, Site Landscaping, Exterior Façade Renovation, Tower and Spa Remodel, Pool Area Remodel, Sonoma Steakhouse Kitchen Modifications, Salt Lick Restaurant, Meeting Room Expansion, Gaudi Bar Remodel, Race and Sport Renovation, Cinema Renovation, Poker Room Renovation, Bingo Parlor, and various UPS Additions.
- **Bellagio Hotel and Casino Las Vegas, NV**(*) – Original electrical, Horticulture Support Facility, Pylon signs, Nursery, Casino Reconfiguration, Wedding Chapel BOH Remodel, Pedestrian Bridge Modification, Horticulture Warehouse Conversion, Slot Club Reconfiguration, Picasso Restroom Remodel, Shintaro Kitchen Equipment Addition, Villa Pantry Equipment Addition, Villa Elevator Lobby, Room Service Kitchen Modification, Sam's Grill Modifications, Stewards Office/ Storage, New Casino Slot Reconfiguration, New Fruit Prep, North Valet Waiting Area, Housekeeping Locker Room A/C, Prime/Picasso Chair & table Storage, Noodles Walk In cooler, Banquet Kitchen Remodel, Warehouse Remodel, Capri, VIP-Host/Lounge/Grill, Café, Christian Dior, Suites Remodel, Art Gallery Remodel, Le Cirque Sign, and Light Nightclub.
- **Treasure Island Hotel and Casino Las Vegas, NV**(*) – Lounge Renovation, Mutiny Bay Remodel, Pedestrian Bridge, North Marquee Sign, Plank Restaurant Refurbishment, Timeshare Kiosks, Bucaneer Bay Show Remodel Support Services, Northeast Remodel, Mexican Restaurant, Cantors Deli, North Entrance Lobby, Battle Bar Remodel, Buffet Remodel, Sirens Bar, Employee

Dining Room Renovation, Tangerine, Guestroom Remodel, and Lobby Remodel.

- **Mirage Hotel and Casino Las Vegas, NV(*)** - Secret Garden Entrance, Typical Guestroom Refurbishment, Caribe Café, VIP Lounge Remodel, Lagoon Saloon, North /Main Porte Cochere Refurbishment, Executive Board Room Remodel, Baccarat Lounge/Mirage MINK Lounge, Training Facilities, Buffet Remodel, Jewelry Store, Guestroom Remodel, Guestroom Elevator Lobby/Corridor Remodel, Tower and Penthouse Suites and Some Typical Guestrooms, Mario Barth, and Rhumbar.
- **MGM Hotel and Casino Las Vegas, NV** - Dragon Court Restaurant(*), Brown Derby Restaurant(*), Administration/Warehouse(*), Executive Offices(*), Children's Choice(*), Davidoff Cigar Store(*), Starbucks(*), TV City Bar(*), Prescriptives Cosmetics(*), Mansion Parlor Gaming(*), Studio 54 Refurbishment(*), Studio Café(*), Brown Derby Remodel(*), 2nd Floor Executive Office Remodel(*), Nobhill Signage(*), Restroom Remodel(*), Elevator Lobbies and Lobby Bar(*), Casino Lounge(*), Players Club(*), Hollywood Theatre Remodel(*), Elevator Lobby Fountains(*), Buffet Restroom(*), Monorail Connector(*), Olio Restaurant(*), Studio Walk Restroom(*), Cirque Bar(*), Wichcraft and Pizzeria Blanco(*), Slushie Bar(*), Hollywood/Vine Retail Shop(*), Spa Lounge Remodel(*), Fitness Room Remodel(*), Central Plant Boiler Room(*) and Wine Bar(†).
- **Mandalay Bay Hotel and Casino Las Vegas, NV**– Citizens Restaurant Remodel(†), Beach Club Pool Remodel(†), China Grill Restaurant Remodel(†), Jewelry Store Remodel(*), and Cream(*).
- **Buffalo Bills at Primm, NV** – William Hill Sports Book Remodel(†), UPS Maintenance Bypass(*), Max Flight Restaurant(*).
- **Bally's Hotel and Casino Las Vegas, NV(*)** – Pedestrian Bridge, Tower Bus Dock, Pylon Sign, Tequila Bar Remodel, High Limit Gaming, Jewelry Store TI, Spectra Hubs and Straight-Up Lounge.
- **Boulder Station Hotel and Casino Las Vegas, NV(*)** – Poker Room, Phase 1 Expansion, Railhead Saloon Remodel, Pylon Sign, and Platinum Lounge.
- **Edgewater Hotel and Casino Laughlin, Nv** – William Hill Sportsbook Remodel(†).
- **Venetian/Palazzo Hotel and Casino Las Vegas, NV** – Pedestrian Bridge(*), Pinot Remodel TI(*), Pinot Brasserie Pastry Remodel(*), Zeffirino TI(*), Photomagic TI(*), Tintoretto TI, (*) Venetian Conveyor System(*), Franks Steaks TI(*), For Joseph TI(*), Privilege TI(*), the Box(**)(^), and Gastro Pub(**).
- **Orleans Hotel and Casino Las Vegas, NV(*)** – Special Event Center (Arena), Poker Expansion, Boardroom Addition, Room Reservation Remodel, TGIF TI, Oyster Bar Remodel, High Limits Slots, Steakhouse TI, Food Court TI, Arena Kitchen Revisions, Piano Bar Remodel, Buffet and Bowling Lounge Remodel, Basement Walk -in Freezer Cooler Addition, and Buffet Expansion.
- **Beau Rivage Hotel and Casino Biloxi, MS(*)** – Original electrical, Meeting Room Expansion, Lobby Lounge, Uniform Issue, Spa Renovations, Beau Chen Suite, Marina, Hi-Limit Slot Relocation, Pool Vestibule, West Valet Entrance, Electronic Signs, Dressing Room/Showroom renovations, Race/Poker and Club, Coral Restaurant Renovation, Suites Conversion 26th Floor, Ta-ke Ma-ku Renovation, VIP Registration, Valet Remodel, and Buffet Addition.
- **Santa Fe Hotel and Casino Las Vegas, NV(*)** – Phase II Expansion, Pylon Sign Upgrade, Amphitheater, Salt Lick TI, Watt Warrior Addition, and Central Plant Filter Addition.
- **Pala Casino Resort and Spa Pala, CA(*)** – Phase II Expansion, Noodle Bar TI, and UPS Reconfiguration.
- **Harrah's Joliet Hotel and Casino Joliet, IL(*)** – Phase II, Hotel Addition, BOH Remodel, Parking Garage, and Tower Expansion.
- **Harrah's Metropolis Hotel and Casino Metropolis, IL(*)** – North Star Boat Remodel, Boarding Barge, Hotel Addition, and Existing Pavillion Enclosure.
- **Casino Montelago @ Lake Las Vegas Las Vegas, NV(*)** – Original electrical, Sports Bar, Fire Pit, and Remodel.
- **Harrah's Rincon Rincon, CA(*)** – Original electrical-Phase I, Interim Facility Phase 1B, and Garden Tower Remodel.
- **Casino Morongo Morongo, CA(*)** – Original electrical, Lucky Dogs, and Gondola Express.
- **Spirit Mountain Lodge Spirit Mountain, WA(*)** – Expansion and Renovation.
- **Casino Royale Las Vegas, NV(*)** – Expansion and Tenant Improvements.
- **Broken Bow Casino in Broken Bow, OK(**)** – Casino Expansion.
- **Pocola Casino and Hotel in Pocola, OK(**)(^)** – Casino Expansion and Hotel Addition.

Educational Facilities:

Selected K-12 Facilities

Clark County School District, Las Vegas

- **CCTV System Evaluation and Design(+):** Adams Elementary, Advanced Technology Academy High Addition, Alamo Elementary, Allen Elementary, Antonello Elementary, Area Technical Trade Center, Bartlett Elementary, Basic High, Bass Elementary, Beatty Elementary, Becker Middle, Beckley Elementary, Bell Elementary, Bendorf Elementary, Bennett Elementary, Biltmore Alternative, Blue Diamond Elementary, Bonanza High Theater, Bonner Elementary, Booker Elementary, Boulder City High, Bowler Elementary, Bracken Elementary, Bridger Middle, Brinley Middle, Brookman Elementary, Brown Middle, Bruner Elementary, Bunker Elementary, Burkholder Middle, Cahlan Elementary, Cambeiro Elementary, Cannon Middle, Carson Elementary, Cartwright Elementary, Cashman Middle, Chaparral High, Christensen Elementary, Coronado High, Cortez Elementary, Cortney Middle Cox Elementary, Cozine Elementary, Craig Elementary, Cram Middle, Culley Elementary, Cunningham Elementary, Dailey Elementary, Darnell Elementary, Dearing Elementary, Decatur & Iron Mtn High, Decker Elementary, Del Webb Middle, Derfelt Elementary, Desert Rose Adult, Dondero Elementary, Dooley Elementary, Durango High Earl Elementary, Edwards Elementary, Eisenberg Elementary, Eldorado High School, Elizondo Elementary, Ferron Elementary, Fitzgerald Elementary, Fong Elementary, Foothill High, Fremont Middle, French Elementary, Fyfe Elementary, Galloway Elementary, Garehime Elementary, Garrett Middle, Garside Middle, Gehring Elementary, Gibson Elementary, Gilbert Elementary, Glen Taylor Elementary, Goldfarb Elementary, Goodsprings Elementary, Goolsby Elementary, Gragson Elementary, Gray Elementary, Green Valley High, Greenspun Middle, Griffith Elementary, Guinn Middle, Guy Elementary, Hancock Elementary, Harmon Elementary, Harney Middle, Harris Elementary, Hay Elementary, Heard Elementary, Heckelthorn Elementary, Herron Elementary, Hewetson Elementary, Hill Elementary, Hinman Elementary, Hoggard Elementary, Horizon High East, Horizon High North, Horizon High South, Horizon High West, Indian Springs Elementary, Jacobson Elementary, JD Smith Middle, Jefferson Alternative, Johnson Middle, Jydstrup Elementary, Kahre Elementary, Katz Elementary, Kay Carl Elementary, Keller Middle, Kelly Elementary, Kesterson elementary, Kim Elementary, King Elementary, Knudson Middle, Lamping Elementary, Las Vegas Academy Theater, Laughlin High, Lawrence Middle, Leavitt Elementary, Lied Middle, Long Elementary, Lowman Elementary, Lummis Elementary, Lunt Elementary, Lynch Elementary, Lyon Middle, Mackey Elementary, Madison Elementary, Manch Elementary, Martin Luther King Elementary, Martinez Elementary, McCall Elementary, McCaw Elementary, McDoniel Elementary, McMillan Elementary, Mendoza Elementary, Miller Middle, Mitchell Elementary, Moapa Valley High, Molasky Middle, Monaco Middle, Moore Elementary, Morrow Elementary, Mountain View Elementary, Mt. Charleston Elementary, Neal Elementary, Newton Elementary, Ober Elementary, O'Callaghan Middle, Orr Middle, Perkins Elementary, Piggott Elementary, Pittman Elementary, Red Rock Elementary, Rhodes Elementary, Richard Bryan, Roberts Elementary, Robin Street Adult, Robison Middle, Roger Bryan, Rogich Middle, Ronnow Elementary, Rowe Elementary, Roy Martin Middle, Rundle Elementary, Sandy Valley, Sawyer Middle, Schofield Middle, Sedway Middle, Sewell Elementary, Sierra Vista High, Silverado High, Silverstri Middle, Smith Elementary, Smith Middle, Snyder Elementary, Squires Elementary, Stanford Elementary, Staton Elementary, Stewart Elementary, Sunrise Acres Elementary, Tate Elementary, Taylor Elementary, Thomas Elementary, Thorpe Elementary, Tobler Elementary, Tomiyasu Elementary, Treem Elementary, Twin Lakes Elementary, Ullom Elementary, Valley High, Vanderburg Elementary, Variety Elementary, Vegas Verde Elementary, Virgin Valley Elementary, Virgin Valley High, Von Tobel Middle, Ward Elementary, Warren Elementary, Washington Opportunity, Wengert Elementary, West Prep (K-12), White Middle, Whitney Elementary, Wilhelm Elementary, Woolley Elementary, Wynn Elementary.
- **Advanced Technology Academy High School Addition(+)** – Intrusion Alarm, Fire Alarm Upgrade
- **Antonello Elementary School(+)** - Exterior Lighting Renovation.
- **Basic High School(+)** - Exterior Lighting and Upgrade NEC 2002 Update, Upgrade Parking Additional Services, Upgrade Parking Additional Services, Upgrade Parking Lot HID Fixtures
- **Bonanza High School Theater(+)** - Complete M/E/P, Theater Audio System.
- **Bowler Elementary School(+)** - HVAC system Upgrade, Kitchen remodel.

- **Brinley Middle School(+)** - Interior Lighting Upgrade.
- **Brown Middle School(+)** - Intrusion Alarm System upgrade.
- **Burkholder Middle School(+)** – New Construction, Replacement of entire school with MEP, LEED Certified
- **Cannon Middle School(+)** - Exterior Lighting Upgrade, CCTV, Intrusion Alarm System.
- **Centennial High School(+)** – Intrusion and Fire Alarm Upgrade.
- **Cheyenne High School(+)** - Exterior Lighting Upgrade
- **Cheyenne Transportation Yard(+)** - Intrusion Alarm / CCTV Systems
- **Cimarron Memorial High School(+)** - Exterior Lighting Upgrade
- **Clark High School(+)** - Parking Lot Lighting Upgrade.
- **Coronado High School(+)** – Intrusion and Fire Alarm Upgrade.
- **Diskin Elementary School(+)** – Intrusion and Fire Alarm Upgrade.
- **Desert Pines High School(+)** - Bleacher Lighting, CCTV System, Office PA Systems
- **Duncan Elementary School(+)** - New school prototype
- **Durango High School(+)** - Exterior Lighting Upgrade,
- **East Career and Technical Academy(+)** - New Construction MEP multi use, Transportation Building, Medical Professions Building, Student Center, Education Center.
- **Eldorado High School(+)** - Intrusion System
- **Foothill High School(+)** - Bleacher Lighting, Clock intercom, Intrusion and Fire Alarm upgrades.
- **Green Valley High School(+)** – Exterior lighting upgrade
- **Jo Mackey Elementary(+)** – Intercom system upgrade
- **Jydstup Elementary School(+)** – Intrusion Alarm and LAN System Upgrade
- **Kata Elementary School(+)** – HVAC system upgrade, Data and Intrusion system upgrade.
- **Knudson Middle School(+)** – Theater addition.
- **Lake Elementary School(+)** – School remodel and addition.
- **Las Vegas High School(+)** - Intrusion and CCTV system upgrade.
- **Laughlin High School(+)** – Exterior Site lighting Upgrade.
- **Lummis Elementary School(+)** - Intrusion System upgrade.
- **LV Academy and Performing Arts High School(+)** – Theater Lighting and Audio system upgrade (old theater). Intrusion alarm Upgrade.
- **Las Vegas High School(+)** – Exterior lighting, Intrusion alarm and CCTV System upgrade.
- **Mackey Elementary School(+)** – Data, Intercom System, Exterior Lighting Upgrade.
- **Mojave High School(+)** – Exterior lighting upgrade, Intrusion and Fire Alarm Upgrade.
- **NW Career and Technical Center(+)** – New technical school prototype.
- **Palo Verde High School(+)** – Intrusion and Fire Alarm Upgrade.
- **Rancho High School(+)** - Exterior lighting upgrade.
- **Sierra Vista High School(+)** – Intrusion and Fire Alarm Upgrade.
- **Thiriot Elementary School(+)** – New school.
- **Washington Elementary School(+)** – Intercom System upgrade.
- **Western High School(+)** - New Construction, school multiple phased replacement. MEP, Low Voltage.
- **Woodbury Middle School(+)** – Gymnasium lighting upgrade.

Nye County School District

- **Pahrump Valley High School(+)** - School replacement and remodel of existing buildings.
- **Tonopah Middle School(+)** - Gym support remodel and modernization.

Washington Elementary School District, Arizona

- **Lookout Mountain School**(^)

Washoe County School District, Reno

- **Billingshurst Middle School**(+) – Data System Upgrades
- **Mendive Middle School**(+) – Data System Upgrades
- **Obrien Middle School**(+) – Data System Upgrades
- **Reno High School**(+) – Data System Upgrade

Selected Higher Education

College of Southern Nevada

- **Building A**(^^) – Pool Room Renovation.
- **Building C**(^^) – E-learning Lab, International Language Lab.
- **Business Services**(+) – Emergency lighting upgrade
- **Cheyenne Campus**(+) - Automotive Technology Building
- **Cheyenne Campus June Whitley Student Center**(+) – Lighting upgrade.
- **Charleston Campus**(+) – Paint Booth

Nevada College

- **Basic and Water St. Campus, Phase 1 and 2**(+)

Grand Canyon University, Arizona

- **College of Liberal Arts and Sciences**(^)

University of Nevada, Las Vegas (UNLV)

- **Science Classroom Remodel Addition**(+)
- **Dentist Office**(+)
- **Greenspun College of Urban Affairs Solar Project**(+)
- **Gaming Bar**(+)

University of Phoenix

- **Additions/Renovations/New Construction**(^^) - Ann Arbor, MI; Arlington, TX; Atlanta, GA; Augusta, GA; Austin, TX; Bakersfield, CA; Birmingham, AL; Braintree, MA; Cedar Hill, TX; Cedar Rapids, IA; Chandler, AZ; Charlotte, NC; Cheyenne, WY; Columbus, GA; Concord, CA; Corona, CA; Covington, LA; Des Moines, IA; Diamond Bar, CA; Dunwoody, GA; El Centro, CA; Elk Grove, CA; Fairfield, CA; Flint, MI; Florence, KY; Fort Collins, CO; Fort Worth, TX; Fresno, CA; Grand Rapids, MI; Greensboro, NC; Greenville, SC; Houston, TX; Independence, OH; Indianapolis, IN; Jackson, MS; Jacksonville, FL; Jersey City, NJ; Kansas City, MO; Kearney Mesa, CA; Kennewick, WA; Lenexa, KS; Little Rock, AR; Lonetree, CO; Louisville, KY; Lynnwood, WA; Macon, GA; Manassas, VA; McAllen, TX; McDonough, GA; Miami, FL; Modesto, CA; Mokena, IL; Murfreesboro, TN; Oklahoma City, OK; Plano, TX; Portage, MI; Provo, UT; Raleigh, NC; Reno, NV; Reston, VA; San Diego, CA; San Marcos, CA; Savannah, GA; Shreveport, LA; Snellville, GA; Southfield, MI; Spokane, WA; St. Louis, MO; Sugarland, TX; Tacoma, WA; Tulsa, OK; Washington DC; Westlake, OH; Wilmington, DE; Woodland Hills, CA.

Selected Educational Administration Facilities

- **CCSD Board Room Remodel**(+)
- **CCSD Channel 10**(+) - Studios & Lighting Upgrade, and Generator study/addition.
- **Clark County Public Education Foundation**(+) - Intrusion Alarm
- **Koepsell Transportation Yard**(+) – Intrusion and CCTV Systems Upgrade

Office Tenant Improvements:

- **ABS Office^(^^)**
- **American Gaming Systems^{(+)(^)} – Office renovation**
- **Anthony’s Pizza^(^^), miscellaneous support spaces^(^^) @ Town Square, building Q**
- **Atrium Business Tower⁽⁺⁾ – Suites 155, 500, 520, 600, 730, 800, 825, and 830.**
- **BDO^(^^), Las Vegas Chamber of Commerce^(^^), and miscellaneous support spaces^(^^). @ Town Square building D**
- **Building 1 @ Arroyo Crossing^(^^) – Spec suite 170, Spec suite 190**
- **Building 2 @ Arroyo Crossing^(^^) – Spec suite 360**
- **Census Bureau^(^^)**
- **Centennial Hills Professional Center⁽⁺⁾ – 17 Building gray and vanilla medical shell**
- **Citibank^(^^) – Data center upgrade, infrastructure rehabilitation, command center renovation.**
- **City of Las Vegas Housing Authority Office Remodel⁽⁺⁾**
- **Country Financial^(^^), IHI Corporate Office^(^^), LVSA^(^^), Stable Office Building C**
- **Country Insurance Remodel^(^^)**
- **Department of Aviation^(^^) – 3 Story shell building and complete TI**
- **Duane Morris Law Office⁽⁺⁾**
- **Good Shepherd^(^^), LLB, Provident^(^^), St. Mary’s^(^^), Stable Office Building A**
- **GSA^(^^)**
- **Houldsworth Russo Office⁽⁺⁾**
- **Hualapai Commons Shell buildings with Restroom core⁽⁺⁾**
- **Las Vegas Marketplace Paradise Esplanade⁽⁺⁾**
- **Lightspeed Expansion @ Southern Highlands Corporate Center^(**) – Office renovation.**
- **NV State Board of Contractors (Reno, NV) ^(^^)**
- **NV Supreme Court Renovation^(^^)**
- **Olive Commerce Park Office Suite 508, AZ⁽⁺⁾**
- **Paseo Verde Suite C1 Tenant Renovation⁽⁺⁾**
- **Pointe Flamingo – 1st floor office remodel^(^^)**
- **State Farm – Citsay @ Fort Apache⁽⁺⁾**
- **Stephanie Street Business Park^(^^)**
- **Tahiti Joes^(^^) – Office Renovation**
- **Town Square Management Offices^(^^), Town Square Security Offices^(^^), Buildings M&N^(^^)**
- **Turnberry Construction Office^(^^), Turnberry Executive Offices^(^^), Spec suites 220^(^^) and 255^(^^), and miscellaneous support spaces^(^^) @ Town Square Building F**
- **Wyndham Resorts^(^^) – Office TI (various locations)**

Howard Hughes Office Complex

- **2nd Floor office remodel^(^^), 4th floor office remodel^(^^), Morgan Stanley^(^^), Crescent Offices^(^^), @ 3800 Building**
- **FATCO^(^^), Littler Medelson Expansion^(^^) @ 3960 Building**
- **Greenburg & Traurig^(^^) @ 3773 Building**
- **JAMS @ Howard Hughes Parkway^(**) - Office renovation.**
- **Lewis & Roca^(^^) @ 3993 Building**
- **Litigation Offices^(^^) @ 3770 Building**
- **LVTI^(^^) @ 3980 Building**

- **Agassi^(^^), AMPAC^(^^), AMX^(^^), Bullivant^(^^), City National Bank^(^^), Community Bank^(^^), Gensler of Nevada^(^^), Northwestern Mutual^(^^), RBC Dain Rausher^(^^), Rogich Communications^(^^), Leo A. Daly^(^^), Echelon^(^^). @ 3883 Building**

McCarran International Airport

- **Bagging Office remodel, Terminal 1⁽⁺⁾**
- **Frontier Airline Office, Terminal 3⁽⁺⁾**
- **OST/ Korean Air Office, Terminal 3⁽⁺⁾**
- **Parking Revenue Control System, Terminal 3⁽⁺⁾**
- **Philippine Airline Office, Terminal 3⁽⁺⁾**
- **ServiceAir Office, Terminal 3⁽⁺⁾**
- **Swissport Office, Terminal 3⁽⁺⁾**
- **Southwest Airlines Training Room, Terminal 1⁽⁺⁾**
- **Travel Ex Kiosk, Terminal 1 and 3⁽⁺⁾**
- **Virgin Atlantic Office, Terminal 3⁽⁺⁾**
- **VIP Lounge, D gates and Terminal 3⁽⁺⁾**

Churches:

- **Bethany Baptist Church⁽⁺⁾**
- **Green Valley Lutheran Church Addition⁽⁺⁾**
- **Journey Church^(*)**
- **Life Baptist Church⁽⁺⁾**
- **Temple Beth Shalom^(*) – Original build, School Addition, Phase 3 and various remodels.**

Parks and Aquatics:

- **Craig Ranch Park Buildings⁽⁺⁾**
- **Heritage Aquatics, Henderson⁽⁺⁾**
- **Pavilion Pool Enclosure⁽⁺⁾**
- **SkyView Multigenerational Aquatics, North Las Vegas⁽⁺⁾**

Data Facilities:

- **Various Casino Property Data Facilities – See Casino and Hotel Section.**
- **Vegas.com^(^^)**
- **WMS Gaming^(^^)**
- **Konami Office Expansion^(†)**

Industrial Facilities:

- **AMS Water Treatment Facility^(**) – Control Room Addition and Various Office Remodels.**
- **Black Mountain Pumping Station⁽⁺⁾**
- **River Mountain Water Treatment Facility^(**) – Control Room Remodel.**

Healthcare Facilities:

- **Adjovu MD – Hualapai Pavilion**(+)
- **Bronstein MD - Hualapai Pavilion**(+)
- **Brown Hand Clinic**(^^)
- **Care Meridian Expansion**(^^)
- **Dr. Hoffman**(+)
- **Dr. Tolan**(+)
- **Endoscope Surgery Suite – Hualapai and Twain**(+)
- **High Desert State Prison – Regional Medical Facility Conversion**(^^)
- **Kindred Torrey Pines Care Center**(^)
- **Prison 8 – Regional Medical Facility**(^^)
- **Retina Consultants of Nevada**(+)
- **Sunrise Hospital – ER Remodel**(^^)
- **United Healthcare – Eastern Clinic**(**)(^)
- **United Healthcare – Tenaya Phase I and II**(**)(^)
- **VA Northeast Clinic**(^)

Centennial Hills Medical Office Building

- **Desert Pediatrics**(^^)
- **Dr. Bararia**(^^)
- **Dr. Basu**(^^)
- **Dr. Bhahatnagar**(^^)
- **Dr. Damaj**(^^)
- **Dr. Khani**(^^)
- **Dr. Mohs**(^^)
- **Dr. Osei**(^^)
- **Dr. Santos**(^^)
- **Dr. Talley**(^^)
- **Dr. Tenby**(^^)
- **Foothills Pediatrics**(^^)
- **Heart Center**(^^)
- **Retina Consultants**(^^)
- **Tri City Medical**(^^)

Fort Apache Medical Office Building

- **Dr. Alfonso Stephen**(+)
- **Dr. Bond**(+)
- **Dr. Canfield**(+)
- **Dr. Lazar**(+)
- **Dr. Marcel Scherer**
- **Dr. Mark Saylor**(+)
- **Dr. Michael Rosenman**(+)
- **Dr. Rodriguez**(+)
- **Dr. Sandford White**(+)
- **Dr. Stuart Hoffman**(+)
- **Dr. Timothy Tolan**(+)

Medical Offices @ Stable Development Building A, C, and D

- **Matt Smith Physical Therapy Tl^(^^)**
- **NuCare^(^^)**
- **NV Laser and Lipo^(^^)**
- **NV Spine^(^^)**
- **NV Weight Loss^(^^)**
- **Ortho in Motion^(^^)**

St. Rose Dominican

- **Delima – Neo Natal Modifications^(^^)**
- **Siena – Support Facilities Tl^(^^)**

Spring Valley Medical Office Building

- **Dr. Stephanoff^(^^)**
- **Sher Institute^(^^)**

Retail Facilities:

- **Various Casino Property Retails** – See Casino and Hotel Section.
- **American Apparel @ Miracle Mile**(+)
- **Apricot Lane, McCarran Airport T3**(+)
- **Ayalas Candy Store, McCarran Airport T1**(+)
- **Carls Jr., McCarran Airport Terminal 3**(+)
- **Front Row Sports** (+) – various locations, McCarran Airport, Fashion show
- **Garrett’s Popcorn @ the Miracle Mile Shops**(**)(^)
- **Lehi, Utah 2 story retail Pads B and C**(+)
- **Louboutin @ the Forum Shops**(^)
- **New Balance, Las Vegas Outlet**(+)(^)
- **Niemen Marcus @ Fashion Show Mall**(*)
- **Rainbow Center T1**(+)
- **Rapsodielle**(+)
- **Resultz II at Town Square Building D**(^^)
- **Sam’s Club**(^^) – various locations.
- **Snap Fitness**(+)
- **Tags**(+) – various locations
- **Tentations @ McCarran Airport**(+)
- **Trop Stop Mini-Mart**(^^)
- **VIP lounge @ McCarran Airport D-Gates**(+)
- **Wal-Mart Distribution Centers**(^^) – various locations

Restaurant and Food Service Facilities:

- **Various Casino Property Restaurants** – See Casino and Hotel Section.
- **Anthony’s Pizza @ Town Square**(^^)
- **Carls Jr., McCarran Airport Terminal 3**(+)
- **Einsteins Bagels**(+) – McCarran Airport
- **Javier’s @ Aria in City Center**(**)(^)
- **Metro Pizza (2 locations)**(+) – Stephanie, Skypoint and Cimmaron
- **Nevada Partners Training Academy and Restaurant**(+)
- **Starbucks**(+)(^) – Over 70 locations in Nevada, Arizona, and New Mexico.
- **Sugar Heaven @ Town Square**(+)
- **Winchells Pub and Grill**(+) – Restroom Addition

Housing Facilities:

- **Honolulu Residence**(+) – Over 30 single and two story units and community room
- **St Judes, Building Hope**(+)(^) – 16 Units and community room

Boys and Girls Clubs:

- **Elko, NV**(+)
- **Henderson, Drake St**(+)
- **McCabe St**(+)
- **Mojave and Harris**(+)
- **North Las Vegas**(+)

Our Engineers

James Y. L. Houglund, PE, RCDD, ESS

Principal / Professional Electrical Engineer

James Houglund has over twenty (20) years of experience in electrical consulting, including the last twelve (12) years as a Professional Engineer. His experience includes commercial and residential design.

The past twelve (12) years of experience is in the commercial field with governmental, educational, hotel/casinos and restaurants. This work includes United States Postal Facilities in Nevada and Arizona, Caesars Palace South/Augustus Towers, Caesars Palace Hotel/Casino in Indiana, Beau Rivage Hotel/Casino in Mississippi, Cheyenne and Las Vegas High Schools, Oasis Hotel at the Grand Casino in Mississippi, Paris Hotel/Casino and Treasure Island Hotel/Casino Renovations.

More recent projects include The Cosmopolitan, Harrah's Joliet Hotel in Illinois, Green Valley Ranch Hotel/Casino, Sunset and Boulder Station Hotel/Casino Additions, various Paris Hotel/Casino Renovations, Harrah's Metropolis Barge in Illinois, Harrah's East Chicago Hotel in Indiana and Harrah's Rincon Hotel/Casino in California, where James' responsibilities included all aspects of the electrical design for these facilities.

James has a bachelor's degree in electrical engineering from University of Nevada Las Vegas. He is a licensed professional engineer in Nevada, Tennessee, California and Utah. James is also a BICSI Registered Communications Distribution Designer (RCDD) and an Electronic Safety and Security Designer (ESS).

James has excelled in client relationships, coordinating and delivering projects on time. He is a member of the International Association of Electrical Inspectors (IAEI).

Karl W. Pils, PE, LEED AP, BD+C

Principal / Professional Electrical Engineer

Karl Pils has over twenty (20) years of experience in Architecture and Electrical Engineering design and consulting. His experience includes K thru 12 Educational Facilities, University Buildings, Commercial Retail Centers, Office Buildings, Tenant Improvements, Medical Office Buildings, Parks and Recreation Centers, Churches, and Multi-unit housing.

Karl holds a Bachelor of Science Degree in Architecture from the University of Kansas. He is national registered through NCEES and registered as a professional engineer in the states of Arizona and Nevada (California is in progress).

Karl's experience in the consulting field has given him a broad background that includes all sectors - governmental, educational, aviation, and private (commercial). Karl is LEED accredited and has completed numerous LEED credited and LEED designed projects including, but not limited to, Northwest Career and Technical Center, Burkholder Middle School, East Career and Technical Academy, Duane Morris Las Office, and Heritage Park Aquatics.

Recognizing the clients' needs for timely communication and response, Karl has developed a strong expertise in project management as well as preparation of construction documents and construction administration. He is also a member of the International Association of Electrical Inspectors (IAEI).

Bryan O. Nekoba, PE

Professional Mechanical Engineer

Bryan Nekoba has over fifteen (15) years of experience in mechanical engineering and over twelve (12) years of mechanical consulting. His experience includes commercial, retail, educational, healthcare, hospitality and residential design.

This work includes various CCSD schools, Sam's Club, Wal-Mart Distribution Centers, University of Phoenix, Department of Aviation, Department of Veteran's Affairs, Pocola Casino and Hotel, and numerous office and medical office tenant improvements, renovations, and facilities assessments.

Bryan has a bachelor's degree in mechanical engineering from the Colorado School of Mines and is a licensed professional engineer in Nevada and Texas with Colorado pending.

Bryan has excelled in coordinating design tasks with other disciplines, client relationships, managing and delivering projects on time, providing a high level of support and attention to detail, and meeting clients' expectations.

He is a member of American Society of Heating Refrigeration and Air Conditioning Engineers (ASHRAE).

Contact Information

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