

best of 2002

Owner: Village Hotel Investors LLC

Architect/Design: Wimberly Allison
Tong & Goo/
Friedmutter Group

General Contractor: Perini Building
Company

Structural Engineer: Martin & Peltyn

MEP Design: Finnegan Erickson
Associates/
Syska Hennessy

Civil: Kimley-Horn and Associates, Inc.

Landscaping: Lifescapes International Inc./
Valley Crest

Electrical: Bergelectric

Concrete: Perini/Bomel/Arcon

Steel: SME Steel Inc.

Mechanical: Southland Industries

Masonry: Dayton Masonry

Site work: Wesley Corporation

This Mediterranean-style lakeside resort is 17 miles southeast of the Las Vegas Strip, but the design is based on a region in Italy comprised of several large estates.

In a tribute to Italy, a 375-ft. bridge spans the lake's inner harbor. The bridge's first level contains upscale retail boutiques and other retail uses, while the second and third levels house a total of 75 guestrooms. The bridge is southern Nevada's only bridge over water and it is modeled after the Pontevecchio Bridge in Florence, Italy.

Throughout the Ritz Carlton, guests can enjoy white beaches, nearly a mile of lakeside walkways and harbor side boat docks that create a European atmosphere reminiscent of the French or Italian Riviera.

The project features a stand-alone spa with a full menu of services, along with a ballrooms, meeting rooms and extensive outdoor function space. Like many projects in Las Vegas, the Ritz Carlton has a casino, although it is not the focus of the project and is a stand-alone structure. ♦

Nevada



PHOTO COURTESY OF PENNI BUILDING COMPANY



PHOTO COURTESY OF JVC ASSOCIATES

Owner: Rainbow D.I. LLC
Architect/Design: JVC Associates Inc.
General Contractor: Kitchell Contractors
Structural Engineer: L. Brent White Consulting
MEP Design: Dunham Associates
Civil: Afleck Enterprises
Landscaping: JM Landscape Co. Inc.
Electrical: Helix Electric Inc.
Concrete: Kukurin Concrete Inc.
Steel: Steel Encounters
Mechanical: Parker Air/Sands Plumbing
Masonry: David Masonry
Site work: Southern Nevada Paving

This project features a striking 20-ft. tall main reception area with exterior fins and clerestory glazing, anchoring the building to the corner of the site near a main intersection.

As one approaches the building from the east or west, curved exposed masonry walls and stone clad fins serves as billboards, signifying entry points.

Because of the utilitarian requirements and cost-effective planning parameters set by the owner, the need for design focal points as well as consistent use of harmonizing materials helps break down the scale and massing of the building.

Architects created a warm environment through details and natural lighting, giving patients a sense of comfort. ♦

best of 2002

PHOTO by Tony Illia



Owner: Park Place Entertainment
Architect/Design: Glover Smith Bode Inc.
Theater Design: Sceno Plus Inc.
General Contractor: Perini Building Company
Structural Engineer: Martin & Peltyn/
Groupe Teknika
MEP Design: JBA Consulting Engineers/
RHR Consulting Engineers
Civil: Martin & Martin
Landscaping: Peridian International Inc.
Electrical: Bombard Electric
Concrete: Nevada Ready Mix
Steel: SME Steel
Mechanical: Hansen Mechanical
Masonry: Dayton Masonry
Site work: TAB Contractors

The Caesars Palace Colosseum showroom is a 4,100 seat, state-of-the-art venue that ties into the Caesars Palace Casino and the Caesars Palace Forum shops. While the Las Vegas version of the coliseum is smaller than the 50,000 seat original in Rome, the design offers a more intimate, yet modern day sound system and acoustics that are perfectly matched so audiences experience no background noise or reverberations.

A 22,000-sq.-ft. stage features one of the largest Proscenium arches in the world, along with the world's largest LED screen at 40-ft. tall and 120-ft. wide. The intimate design of the theater means that even the farthest seat from the stage is only 125 ft.

The overall construction is true to the Las Vegas form, with stone flooring, top quality finishes and millwork that compliments all other areas of the project. Roman columns and arches replicate the original coliseum, but are built with a little more modern techniques, including EIFS. ◆

best of 2002

Outstanding Civil Engineering Green Valley Ranch

Nevada

Owner: Station Casinos
Architect/Design: Friedmutter Group
General Contractor: Perini Building Company
Theming Contractor: KHS&S Contractors
Structural Engineer: Martin & Peltyn
MEP Design: FEA Associates
Civil: Martin & Martin
Landscaping: Lifescapes
Electrical: Bombard Electric/
ACME Electric
Concrete: Bomel Construction Inc.
Steel: SME Steel
Mechanical: Hansen Mechanical
Masonry: Dayton Masonry
Site work: Maui 1 Excavating Inc.

Located off of I 215 in Henderson, Nev., the Green Valley Ranch Resort is part of a master-planned, 1,310 acre community. The resort features more than 200 rooms, 45 suites, a large, two story casino and 25,000 sq. ft. of meeting space.

An eight acre pool and spa area are part of a design to recreate an Italian villa using specialty construction techniques and materials to transport visitors to old world Tuscany.

The steel-framed structure encloses the 150,000-sq.-ft. building, which features more than 1,300 beams in coffered ceilings found in the casino, hotel lobby and porte-cochere. ♦



PHOTO COURTESY OF KHS & S CONTRACTORS

Best of 2002

Nevada

*Outstanding Interior, Editor's Choice
R and R Partners*

Owner: R & R Partners
Architect/Design: JMA Architecture/
Lucchasi-Galati Architects Inc.
General Contractor: Martin Harris Inc.
Structural Engineer: Mendenhall Smith
MEP Design: Harris Consulting Engineers
Civil: G.C. Wallace
Landscaping: Irri'scape/S & S Landscape
Electrical: Encompass/Helix Electric
Concrete: Martin Harris Inc.
Steel: Century Steel/Sun Gould Steel
Mechanical: Gallagher Plumbing/Sunrise Air
Site work: Diamond Construction

Contractors spiffed up both the outside and inside of this concrete tilt-up project.

Designers created a "town square" atmosphere through an open design and the blending of brilliant colors within the open spaces.

Four giant bay doors are placed to accommodate special events at the office, incorporating a warehouse look into a sophisticated executive business environment.

Architects incorporated cork flooring, acoustical panels and white noise to help control noise and maintain a quiet working environment.

A second-story conference room, constructed of structural steel, is cantilevered over the entrance, providing a portico effect that shades the entrance. ♦

Best of 2002



PHOTO COURTESY OF MARTIN HARRIS CONSTRUCTION



PHOTO COURTESY OF KITCHELL CONTRACTORS

Owner: DI Development LLC
Architect/Design: KGA Architecture
General Contractor: Kitchell Contractors
Structural Engineer: Barker Drott Associates
MEP Design: JBA Consulting Engineers
Civil: Lochsa Engineering
Landscaping: KGA Architecture
Electrical: Encompass Tech of Nevada
Concrete: Image Construction
Steel: Vegas Steel, Inc
Mechanical: Quality Mechanical
Masonry: Apple Masonry
Site work: VT Construction

This two-story, 53,000-sq.-ft. free standing orthopedic and surgery center makes a bold and eye catching statement in one of Las Vegas' older neighborhoods.

Designed to function both as a doctor's office and a surgery center, the design strikes a balance among the competing needs of both functions.

Covered patient drop-off and pick-up canopies were cantilevered to maximize the site space.

The Las Vegas wash originally ran through the site and was filled with construction debris. The site was excavated and backfilled with engineered fill before it could be built on. ♦

best of 2002

Editor's Choice
Donald Reynolds Community Center

Nevada

Owner: Parasol Foundation of
Incline Village
Architect/Design: Smith Design Group
General Contractor: United Construction
Company
Structural Engineer: Gabbart & Woods
MEP Design: Aspen Engineering
Civil: Lumos & Associates
Landscaping: LJM Design Group
Electrical: Truckee Meadows Electric
Concrete: Tedesco Construction
Steel: Martin Iron Works/Far West Steel
Mechanical: Sierra Air
Masonry: Johansen Masonry/
McMurtry Masonry

The architectural character of the Donald W. Reynolds Community Center recreates traditional alpine architecture using modern technology.

Outdoor terraces are adjacent and accessible from the meeting room and staff lounge to help bridge the transition between the natural and the built environment.

The two story, 31,000-sq.-ft. building is clad in an exterior cement plaster finish and offset with traditional fenestration, large roof overhangs, copper flashing, split face granite and heavy timber detailing.

The facility addressed programming concerns that included access, security and maintaining open access to the community while guarding the anonymity of clients. ♦



Best of 2002



PHOTO COURTESY OF CAROLLO ENGINEERS

Owner: Clark County
Architect/Design: Carollo Engineers
General Contractor: Western Summit Constructors
Structural Engineer: Carollo/Kubota & Associates
MEP Design: Carollo Engineers/
Harris Consulting Engineers
Civil: Carollo/PBS & J
Landscaping: PBS & J
Electrical: Shasta Electric
Concrete: Western Summit Constructors
Steel: Regional Steel
Mechanical: Rapid Mechanical
Masonry: H & H Masonry
Site work: Western Summit Constructors

With one of the fastest growing populations in the United States, Clark County needed to expand their average treatment capacity from 88 million gallons a day to 130 mgd.

The proximity of an active residential neighborhood meant special attention was required to minimize the odor and visual pollution.

Because of the poor soils, engineers chose to build the bar screen plant on driven piles. Occasionally the process was impacted by the presence of buried construction materials.

Engineers also faced challenges related to keeping the existing plant open and operating during construction. ♦

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