

Professional Specification and Design Services

Architectural Door Hardware

Electrified / Security Hardware

Architectural Wood Doors

Steel Doors and Frames

Aluminum and Glass Entrances

Detention Doors and Hardware

Overview of Services

Statement of Qualifications

OVERVIEW

Door + Hardware Consultants (DHC) is an independent, fee-based consulting firm performing design engineering, and producing specification, schedule, and drawing documents for various design disciplines and interrelated work associated with architectural door openings – door and frame components; hardware, access/ security systems, and related products. DHC is not affiliated with, or commissioned by, manufacturers of doors or hardware, and is proud to produce specifications which are non-proprietary, and which encourage competitive pricing to the project.

As with other aspects of the architectural design process, the design and specification of architectural door openings has become increasingly more technical, more Code driven, more electronic, more interdependent on other design elements, and generally...more difficult.

More demands now than ever are presented to the specifier of door opening components and systems – Life Safety Requirements, Fire Codes, Security and Access Control Needs, Accessibility Code Requirements, and Aesthetic Design Considerations. These oft times conflicting factors demand an integrated and informed approach to door opening design that transcends simply specifying materials, but requires engineering, specific to each circumstance, that is then translated into details, drawings and specification format.

Several methods of compiling the required systems specifications have typically been utilized by Architects and other design professionals. Some architectural firms employ staff who are responsible for producing the complete project specifications – door opening related specifications are written in basic, somewhat general terms and many times are quite similar from project to project. Product manufacturers, sales representatives, and others with an interest in selling products sometimes provide "free" specifications to Architects – "free" so long as their products are named and specified; often to the detriment (restricting competitive bidding) or outright exclusion of other manufacturers' equivalent offerings.

These methods are in most cases not sufficient in today's design environment. *Even one seemingly minor omission or error in specifying necessary components can result in thousands of dollars of additional costs*, and cause unnecessary negative reflection on the primary design professional. The cost of such mistakes rises dramatically with, and is directly linked to, the complexity of the affected door openings.

Primary A/E Design Professionals routinely engage the services of Collaborating Design Professionals for many technical design disciplines – Electrical, Mechanical, Civil, Landscape, Fire Safety, Acoustical, Signage, Lighting Design, etc. It behooves the design professional to consider for many, if not most, projects that the design and specification of security/ door opening systems and components would be best served by engaging a specialized Collaborating Design Professional for that purpose.

DHC is precisely that type of firm. We produce specifications, schedules, and other design documents which accurately, competitively and concisely meet the design criteria determined in collaborative effort with Architect and Owner. We are typically involved early enough in the project to meet with the A/E and /or the Owner's representative in order to determine product and system functions, type, grade, quality, etc. Specifications are written in the manufacturers' brands of the Owner's or Architect's preference along with well researched pre-approved substitutions (if desired) to assure competitive pricing. We provide documentation as required throughout the design phases, and remain onboard for questions, submittal reviews, and consultation on an ongoing basis as the project progresses.

QUALIFICATIONS, CERTIFICATIONS, AFFILIATIONS & INSURANCE

Principal -- David Sissom, AHC, CSI, CCS



Mr. Sissom's experience spans more than thirty years in the door, hardware, and security electronics industries. Combined with his background and training, this experience has produced a high level of expertise in the application of door opening components fulfilling aesthetic design intent and security requirements, while complying with national and local building codes regulating fire/ life safety and accessibility. As a recognized expert in door hardware, he is a frequently requested speaker and commentator at industry conferences and events nationwide. His services are widely in demand as a consultant for projects across the country and internationally.

Education and experience in virtually every aspect of conventional door hardware, architectural doors and frames, electric, electronic and security door hardware are integral parts of David's unique qualification as a multi-disciplinary consultant in these interrelated but oft uncoordinated design disciplines. He has been involved in many different aspects of the construction process including manufacturing, marketing and distribution of doors and hardware; as well as field installation of door and hardware systems as a licensed general contractor. For more than a decade he has been devoted exclusively to producing specifications and consulting for Door Hardware, Detention Door Hardware, Electrified Door Hardware, Access Control System coordination, and related systems.

Education and Industry Certification --

American River College, Carmichael, CA -- Business, Accounting, Music
California State University, Sacramento -- Business Administration
Construction Specifications Institute -- Certified Construction Specifier (CCS)
Door and Hardware Institute -- Architectural Hardware Consultant (AHC)

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Professional Affiliations --

American Jail Association
American Society for Industrial Security
Construction Specifications Institute
Door and Hardware Institute
National Fire Protection Association

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Insurance Coverage --

General Aggregate Liability	2,000,000
Professional Liability (E&O)	1,000,000

DESIGN DISCIPLINES

- ◆ Architectural Door Hardware Specifications
- ◆ Electrified Door Hardware Specifications

Architectural door hardware, or “Finish Hardware”, is an increasingly complex component of building design. Door + Hardware Consultants specializes in selecting and specifying door hardware that meets the Client’s needs for security, function, aesthetics and cost, while complying with the most current regulatory requirements relating to fire/ life safety and accessibility issues. This is a task that is easier said than done. It requires years of experience, and a current working knowledge of National, State and local building Codes as well as technical familiarity with hardware manufacturers’ most current products.

- ◆ Access Control / Security System Coordination

Security has become an issue in virtually every facility designed today. Whether the design incorporates access control, intrusion detection and alarm, closed circuit video surveillance, or a completely integrated system, the inter-relationship of the door openings and hardware is a critical matter. DHC is well versed in the continually evolving area of electronic and electromechanical systems that must be coordinated with security design.

We offer an optional service to provide wiring diagrams as part of the door hardware specification. Showing the connections and relationships between all the electrified hardware, security system, fire alarm, etc. – by providing a specific drawing for each electrified Hardware Set – greatly improves the coordination among the related trades, and throughout the design and construction process.

- ◆ Detention Door Hardware

The design of correctional detention facilities requires specifications for door openings that are far different from conventional doors. Building Code and Life Safety Code application is different, as likewise are the products and systems utilized. DHC has the experience and knowledge to accurately design and specify the necessary hardware for Detention Door openings. Both mechanical and electromechanical detention locking systems, as well as other door-specific items (detention hinges, door operators and closers, sliding door hardware and operators, food pass assemblies, etc.) are specified based on the project requirements.

We also provide the critically required interdisciplinary coordination with the designer of the electronic systems for control and monitoring of facility egress and security. We have experience in meeting and communicating with detention clients -- law enforcement agencies, correctional agencies, etc. We can speak their language and understand their needs and requirements.

PROJECT LISTING

Following is a partial listing of projects for which DHC Principal, David Sissom has provided design services relative to doors, hardware, detention items, and/ or security/ access control systems.

Healthcare -

Brigham & Women's Hospital	Boston, MA
Childrens Hospital	Oakland, CA
Childrens Hospital and Health Center	San Diego, CA
Denver Health Western Addition	Denver, CO
El Camino Hospital	Mountain View, CA
Episcopal Homes Foundation- Spring Lake Village	Santa Rosa, CA
Everett Community Cancer Center	Everett, WA
Fresno Community Medical Center- Trauma Center	Fresno, CA
John Muir Medical Center	Walnut Creek, CA
Gaston Memorial Hospital - The Birthplace Project	Gastonia, NC
Grossmont Hospital Addition - ED/ CCU	La Mesa, CA
Intermountain Medical Center	Murray, UT
Kaiser Hospital	Antioch, CA
Kaiser Hospital	Modesto, CA
Kaiser Hospital	Redwood City, CA
Kaiser Hospital	Sand Canyon, CA
Kaiser Hospital	Vacaville, CA
Kaiser Hospital	Vallejo, CA
Laguna Care Home	San Francisco, CA
Little Company of Mary Hospital - South Tower	Torrance, CA
Marin General Hospital - Ongoing Reconstruction	San Rafael, CA
Merrithew Memorial Hospital	Martinez, CA
Mills Peninsula Hospital	Burlingame, CA
Mount Diablo Medical Center	Concord, CA
Palm Gardens Skilled Nursing Facility	Woodland, CA
Palmetto Health Heart & Vascular Hospital	Columbia, SC
Palo Alto Medical Foundation	Palo Alto, CA
Palomar Pomerado Health Hospital / Medical Center	Escondido, CA
Patient Care LDRP Rooms /UCD Medical Center	Sacramento, CA
PeaceHealth-Sacred Heart Medical Center	Springfield, OR
Rady Childrens Hospital	San Diego, CA
Rideout Memorial Hospital	Yuba City, CA
Riverside General Hospital - University Medical Center	Riverside, CA
Saban Center - Motion Picture Hospital	Calabasas, CA
Salem Replacement Hospital	Salem, OR
Santa Clara Valley Hospital	San Jose, CA
Scott Street Development Assisted Living Facility	San Francisco, CA
Spring Lake Village Special Needs Facility	Santa Rosa, CA
St Joseph's Hospital, Cancer Care MOB	Orange, CA
St. Joseph's Hospital Women & Children's Center	Stockton, CA
St. Jude Medical Center Acute Care Hospital Tower	Fullerton, CA
St. Paul's Towers	Oakland, CA
Sutter Medical Center	Sacramento, CA
Sutter Santa Cruz Maternity & Surgery Center	Santa Cruz, CA
UC Irvine Medical Center	Orange, CA
UCSF Emergency Department Expansion	San Francisco, CA
UCSF Mission Bay Medical Center	San Francisco, CA
University Medical Center	El Paso, TX
White Memorial Medical Center	Los Angeles, CA

Mental Health -

Atascadero State Hospital - 250 Bed Addition	San Luis Obispo, CA
Oregon State Replacement Psychiatric Hospital	Salem, OR
Pima County Psychiatric Facility	Tucson, AZ
Secure Treatment Facility for Sexually Violent Predators	Coalinga, CA

Commercial -

199 Fremont Street - High Rise Office Tower	San Francisco, CA
350 Rhode Island	San Francisco, CA
AT&T / IMS Facility	Aurora, CO
BGI Headquarters Office	Rancho Cordova, CA
Civic Center Place	Fremont, CA
EcoSmart Building Center	San Francisco, CA
Fremont Family Resource Center	Fremont, CA
General Motors Vehicle Engineering Complex	Warren, MI
James Irvine Foundation Headquarters	San Francisco, CA
Media Arts Group, Inc.	San Jose, CA
Mission Bay, Block 26a	San Francisco, CA
Mission Bay, Block 26e	San Francisco, CA
One City Centre - High Rise Office Building	Sacramento, CA
Pixar Studios, Phase 2	Emeryville, CA
Sprint Communications Regional Facility	Sacramento, CA
Sun Microsystems Newark Campus	Newark, CA
Sybase Headquarters Campus	Pleasanton, CA
Symantec Office and Research Facility	Culver City, CA
University of California Office of the President	Oakland, CA
Wilson, Sonsini, Goodrich & Rosati - Law Offices	Palo Alto, CA

Residential -

Bair Island Condominiums	San Mateo, CA
Baywood Place Condominiums	San Mateo, CA
Bryant Square Condominiums	San Francisco, CA
Legacy Condominiums	Concord, CA
Millennium Tower - 60 Story Condominium Tower	San Francisco, CA
Swans Market Project	Oakland, CA
SOMA Grand Condominiums	San Francisco, CA
The Century - 50 Story Condominium Tower	San Francisco, CA
The Watermark Condominiums	San Francisco, CA
Veer Condominium Towers	Las Vegas, NV
Views at 270 - Sunset Western	Hollywood, CA
Village at Museum Park	San Jose, CA

Hospitality -

Estancia Hotel And Spa	La Jolla, CA
Four Seasons Resort - The Biltmore (Major Renovation)	Santa Barbara, CA
Four Seasons Hotel & Residences	San Francisco, CA
Four Seasons Hotel & Spa	Baltimore, MD
Four Seasons Hotel & Residences, World Trade Center	New York, NY
Four Seasons Hotel & Spa	East Palo Alto, CA
Four Seasons Resort, Residences & Spa	Jackson Hole, WY
Four Seasons Residences Seven Canyons Golf Club	Sedona, AZ
Four Seasons Resort at Troon North	Scottsdale, AZ
Four Seasons Resort, Residences & Spa	Vail, CO
Harmon Lifestyles Hotel & Spa	Las Vegas, NV
Hyatt Grand Champions Hotel, Spa & Resort	Indian Wells, CA
Hyatt Regency Lost Pines Resort & Spa	Lost Pines, TX

Kona Village Resort
Mandarin Oriental Hotel, Spa and Residences
Maryland Hotel
Montage Hotel, Spa & Resort
Montage Hotel, Spa & Resort
Montage Hotel, Spa & Resort
Nob Hill Spa
Orchard Garden Hotel
Reconstruction of Yosemite Lodge/ Housing/ Dorms
Ritz Carlton Resort and Spa at Dove Mountain
Ritz Carlton West Caicos Reserve
Rosewood Sand Hill Hotel and Spa
Suncadia Resort and Spa
Terranea Resort and Spa
The Clift Hotel (Major Renovation)
The Residences at Little Nell
Waikoloa Beach Marriott (Major Renovation)
Wailea Beach Resort and Residences
Wailea Marriott Resort (Major Renovation)

Kona, HI
Las Vegas, NV
San Diego, CA
Cabo San Lucas, Mexico
Deer Valley, UT
Beverly Hills, CA
San Francisco, CA
San Francisco, CA
Yosemite National Park
Marana, AZ
West Caicos, Turks & Caicos
Palo Alto, CA
Roslyn, WA
Rancho Palos Verdes, CA
San Francisco, CA
Aspen, CO
Waikoloa, HI
Wailea, HI
Wailea, HI

Laboratories, Research Facilities, Etc. -

Advanced Medical Optics
Allergan Research & Development Laboratory
Alza Corporation Research Facility
Applied Biosystems Laboratories & Offices
Aviron Laboratory Renovation
Bayer Building 57
BioMarin Galli East Expansion
Cal Poly Engineering III Lab
Clark Center Research Laboratory Facility
ZymoGenetics Earl Davie Building
Investigen Biotech Research Facility
Life Sciences Building Alterations - University of California
Mission College Science and Technology Center
Merck / Rosetta Inpharmatics Laboratory
Protein Design Labs Inc.
Science Building - CSU Stanislaus
Science and Engineering Building - CSU Sacramento
Science and Engineering Research Facility - UCSD
Science Laboratory Addition - CSU Pomona
Stanford University Mechanical Engineering Laboratory
Stowers Institute for Medical Research
UCSB Materials Research Laboratory Building
University of Oklahoma Biomedical Research Center
ZymoGenetics Research Facility

Irvine, CA
Irvine, CA
Menlo Park, CA
Pleasanton, CA
Mountain View, CA
Berkeley, CA
Novato, CA
San Luis Obispo, CA
Stanford University, CA
Seattle, WA
Hercules, CA
Berkeley, CA
Santa Clara, CA
Kirkland, WA
Fremont, CA
Turlock, CA
Sacramento, CA
San Diego, CA
Pomona, CA
Stanford, CA
Kansas City, MO
Santa Barbara, CA
Norman, OK
Seattle, WA

Justice -

Belmont Police Facility
Cathedral City Police Facility
Contra Costa County Juvenile Facility
Emergency Operations Center
FBI Field Office
Federal Correctional Institution
Fremont City Jail
Fresno County Juvenile Justice Campus
Kern County Juvenile Treatment Facility
Lewis County Jail Addition Remodel

Belmont, CA
Cathedral City, CA
Martinez, CA
Los Angeles, CA
Dallas, TX
Victorville, CA
Fremont, CA
Fresno, CA
Fresno, CA
Lewis County, WA

Maricopa County Courts Facility
San Francisco Juvenile Hall Replacement Project
San Mateo Youth Center
Santa Clara County Juvenile Hall
Solano County Juvenile Hall
Tulare County Juvenile Detention Facility
Ventura County Juvenile Courts Facility
Ventura County Juvenile Detention Facility
Washoe County Juvenile Facility

Phoenix, AZ
San Francisco, CA
San Mateo, CA
San Jose, CA
Fairfield, CA
Visalia, CA
Ventura, CA
Ventura, CA
Carson City, NV

Government / Civic Facilities-

Alameda County Office Building
Alameda County Recorders Office
Cathedral City Civic Center
Concord Senior Center
County of Fresno, Downtown Office Building
New Doha International Airport
Foster City Senior Center
Fremont Civic Center
Fresno County Juvenile Courts Facility
Muni Maintenance Facility
Northgate Senior and Community Center
Oxford Plaza-David Brower Center
Pajaro Fire Station
Pickleweed Park Community Center
Pittsburg Senior Center
Robert T. Matsui United States Courthouse Building
Roosevelt Community Center
Salida Fire Station No.3
San Francisco Job Corps Center - Treasure Island
San Luis Obispo New County Government Center
San Mateo Juvenile Courts Facility
Santa Cruz County Superior Courthouse
SFO Airport - New International Terminal
Solano County Government Center
Ventura County Juvenile Courts Facility

Hayward, CA
Oakland, CA
Cathedral City, CA
Concord, CA
Fresno, CA
Doha, Qatar
Foster City, CA
Fremont, CA
Fresno, CA
San Francisco, CA
Fremont, CA
Berkeley, CA
Watsonville, CA
San Rafael, CA
Pittsburg, CA
Sacramento, CA
San Jose, CA
Salida, CA
San Francisco, CA
San Luis Obispo, CA
San Mateo, CA
Watsonville, CA
San Francisco, CA
Fairfield, CA
Ventura, CA

Libraries, Museums, Churches & Other Public Spaces -

Berryessa Branch Library
Burlingame Public Library
Cantor Museum of Art - Stanford University
Capital Christian Center
Concert Hall Support Services Facility
Denver Pavilions Shopping Center
Fairfield City Library Renovation
Fairfield Cordelia Library
Mountain View Public Library
Pacific Bell Park - S.F. Giants Stadium
Ridge Lytton Springs Winery
San Francisco Conservatory of Music
Santa Clara Central Library
Society of California Pioneers
Sony Metreon Entertainment Complex
St. Andrews Presbyterian Church
Theatre Building - Interlochen Center for the Arts
Washington Manor Library
Westlake Public Library

San Jose, CA
Burlingame, CA
Palo Alto, CA
Sacramento, CA
Kuala Lumpur, Malaysia
Denver, CO
Fairfield, CA
Fairfield, CA
Mountain View, CA
San Francisco, CA
Napa Valley, CA
San Francisco, CA
Santa Clara, CA
San Francisco, CA
San Francisco, CA
Marin City, CA
Interlochen, MI
San Leandro, CA
Daly City, CA

Yosemite Lodge Redevelopment Project

Yosemite National Park, CA

Education -

Abraham Lincoln High School Modernization	San Francisco, CA
Baldwin Park HS Library	Baldwin Park, CA
Bard College Campus Center	Annandale, NY
Brandeis Hillel Day School	San Francisco, CA
Cal Poly Student Housing	Pomona, CA
Cesar E. Chavez Student Center Renovation - UC Berkeley	Berkeley, CA
Colorado College Western Ridge Housing Project	Colorado Springs, CO
Crystal Springs Uplands School	Hillsborough, CA
CSU Fullerton, College of Business and Economics	Fullerton, CA
Daniel F. Moriarty Arts and Humanities Building	Portland, OR
Doe Memorial Library Renovation & Annex	Berkeley, CA
Drew College Preparatory School	San Francisco, CA
ECERC Education and Research Center	Salt Lake City, UT
Escondido Village Graduate Student Housing	Stanford, CA
Fairmont High School	Anaheim, CA
Gale Ranch Elementary School	San Ramon, CA
Gustine Elementary School	Gustine, CA
Jewish Community High School of the Bay	San Francisco, CA
Lick Wilmerding High School	San Francisco, CA
Marin Academy Field House	San Rafael, CA
Marin Academy Performing Arts Facility	San Rafael, CA
Mid Peninsula Jewish Community Day School	Redwood City, CA
Mission College Library	Santa Clara, CA
Morgan Center - UCLA	Los Angeles, CA
Piano Building - Interlochen Center for the Arts	Interlochen, MI
Pierce College Science Center	Woodland Hills, CA
Portola Elementary School Modernization	San Bruno, CA
Sacred Heart Boys High School	San Francisco, CA
San Francisco School of the Arts	San Francisco, CA
SFSU Hensill Hall Renovation	San Francisco, CA
SHCP Student Life Center	San Francisco, CA
SJSU Campus Village Housing Phase I	San Jose, CA
Siboni Arts and Sciences Center	San Francisco, CA
Theater Building - Interlochen Center for the Arts	Interlochen, MI
UC Davis Segundo Commons	Davis, CA
UCSF Campus Community Center Building	San Francisco, CA
University High School	San Francisco, CA
USF Crossroads Cafe	San Francisco, CA
USF Xavier Hall ADA Upgrade	San Francisco, CA
Valley Christian School	San Jose, CA
Vista Community College	Berkeley, CA
Washington State University, Gymnasium/ Athletic Facilities	Pullman, WA
West LA Science Math Bldg	Culver City, CA

Renovation / Restoration / Preservation -

Charles Green Library Renovation	Oakland, CA
Ferry Building Renovation	San Francisco, CA
Oakland Fox Theater Renovation	Oakland, CA
Pasadena City Hall Seismic Upgrade & Rehabilitation	Pasadena, CA
Pier One Renovation	San Francisco, CA
San Francisco City Hall Restoration	San Francisco, CA
Santa Cruz City Hall Renovation	Santa Cruz, CA
War Memorial Opera House Historic Restoration	San Francisco, CA

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