

1. Cover Page

CGL COMPANIES LLC



Project Title: Study, Planning, Design & Construction for Correctional Facilities

Awarding Agency: Milford Executive Office of Public Safety and Security (EOPSS)

DSB List # **22-07**

DSB Project # **DSBP-16**

Project Location: **Statewide**

User Agency Name: **Division of Capital Asset Management & Maintenance (DCAMM)**

Prime Firm Information

Main Office Address

**1721 Saunders Street
Columbia
South Carolina**

MA Licensed Architects: **2**
MA Licensed Engineers: **0**

Principal-in-Charge
Robert Glass

Total employees: **48**
MA based employees: **0**

Project Manager(s)
Study: **Brett Firfer**
Design: **Ryan Critchfield**

Secondary Office Address

**1330 Avenue of the Americas, 28th Floor
New York
New York**

Project Activity

Prime DBE Status

of Total Active Projects: 3
Total ECC of Active Projects: \$147,600,000.00

Minority Owned Business (MBE) €
Woman Owned Business (WBE) €
Veteran Owned Business (VBE) €
Service Disabled Veteran Owned (SDVOBE) €
Disadvantaged Business Enterprise (DBE) €

Disability Owned Business Enterprise (DOBE) €
LGBT Business Enterprise (LGBTBE) €
Portuguese Business Enterprise (PBE) €
Small Business Purchasing Program (SBPP) €

of Total Active MA State Projects: 3
Total ECC of Active MA State Projects:
\$147,600,000.00

Team Composition	Team Contact	Firm Name	DBE Status	Registration
Architect	Robert Glass, AIA	CGL COMPANIES LLC	N/A	951488
Mechanical Engineer (M/P/FP)	Nicholas Saponara, PE, DBIA	DEWBERRY ENGINEERS INC.	N/A	51070
Electrical Engineer	Shahid Joarder, PE	DEWBERRY ENGINEERS INC.	N/A	51027
Structural Engineer	Christine Ye	LIM CONSULTANTS INC.	WBE MBE	41079
Civil Engineer	Adam Zysk, PE	DEWBERRY ENGINEERS INC.	N/A	39384

Landscape Architect	Alice Webb	EARTHDESIGN LANDSCAPE ARCHITECTURE LLC	WBE	1404
Specifications Consultant	Mark Kalin	KALIN ASSOCIATES INC.	N/A	4657
Cost Estimator	Clive Tysoe	ELLANA, INC.	WBE	n/a
MA Building Code Consultant	Felix I Zemel	PRACADEMIC SOLUTIONS	N/A	BO-1573
Hazardous Materials Consultant	Kathleen Campbell, PE, LSP, LEED AP, ENV SP	CDW CONSULTANTS, INC.	WBE	39420
Corrections Security Consultant	Craig Clary, DBIA	DEWBERRY ENGINEERS INC.	N/A	N/A

3. Resumes

CGL COMPANIES

Planning and Design

Robert Glass, AIA

Project Role: Project Director

Years w/ Firm: **10**

Total Years of Experience: **33**

MA Registration: **MA Architect
951488**

Other: NA

Availability: **15%**

Applicant Office Address:

**606 Azalea Ln
Vero Beach, FL
32963**



Mr. Glass has managed more than 500 technical studies for clients in 38 states and four foreign countries. Project sizes range from a 10-bed addition in rural Alaska to the development of a 10,000-bed medical, mental health, and special needs program. This program assists the Federal Court Receivership and the California Department of Corrections and Rehabilitation in the development of "minimum constitutional space standards" for the delivery of court ordered health care to inmate-patients. This planning work led to the development of the California Health Care Facility in Stockton, a 1.2 million gross-square-foot, \$1 billion design-build project.

Kaui Community Correctional Center New Sallyport Design, Kauai, Hawaii

Hawaii Department of Public Safety, Women's Community Correctional Center Master Planning and Design, Oahu, Hawaii

Alabama Department of Corrections Prison Master Planning and Programming, State of Alabama

California Department of Corrections and Rehabilitation, Health Care Facility Improvement Program, Area A Stockton, California

California Department of Corrections and Rehabilitation, California Healthcare Facility Criteria Architect/Design-Build Stockton, California

California Department of Corrections and Rehabilitation, Health Care Space Standards Update, Sacramento, California

California Prison Health Care Receivership Corporation, Correctional Health Care Facilities Planning, Sacramento, California

California Department of Corrections and Rehabilitation, DeWitt Nelson Correctional Annex, Stockton, California

California Department of Corrections and Rehabilitation, California State Prison Sacramento, Psychiatric Services Unit Office and Treatment Building, Folsom, California

Nevada Department of Corrections, Indian Springs Correctional Center, Indian Springs, Nevada

Nevada Department of Corrections, Prototypical Minimum Security Facility Planning and Site Selection, Carson City, Nevada

California Department of Corrections and Rehabilitation, California Reception Center, Los Angeles, California

California Department of Corrections and Rehabilitation, CSP-Corcoran, Substance Abuse Treatment Facility, Corcoran, California

Colorado Department of Corrections, Sterling Correctional Facility, Sterling, Colorado

Montana Department of Corrections, Montana Women's Prison Renovation/Expansion, Billings, Montana

Denver Women's Correctional Facility, Denver, Colorado

Utah Department of Corrections, Central Utah Correctional Facility, Gunnison, Utah

Jackson County Jail Owner's Representative, Kansas City, Missouri

Maricopa County Intake Transfer Release and Jail Replacement, Phoenix, Arizona

Merced County Comprehensive Needs Assessment Study John Latorraca Correctional Center Expansion, Merced, California

Lincoln County, Sheriff's Office and Jail Expansion Needs Assessment, Davenport, Washington

3. Resumes

CGL COMPANIES

Planning and Design

Ryan Critchfield, AIA

Project Role: Correctional Architect

Years w/ Firm: **20**

Total Years of Experience: **22**

MA Registration: **MA Architect
31552**

Other: **NA**

Availability: **60%**

Applicant Office Address:

**431 Old Vine Street
Suite 100
Lexington, KY 40507**



Involved in all phases of the planning and design process, Mr. Critchfield serves a crucial role at CGL. He is a key contributor as designer and project lead for planning, design, and construction of courthouses, Adult & Juvenile Detention Facilities. Sensitive to the complexities of justice design, he is experienced in understanding operational issues and principles that guide the design, selection of systems and materials, and detailing. In addition to his keen awareness of the role of operational philosophy in design solutions, he is versed in code and regulatory parameters that govern life safety and security in justice facilities.

Quincy Norfolk County Regional Justice Center
Quincy, Massachusetts

Massachusetts Dept. of Youth Services Statewide Facilities
Master Plan, Massachusetts

Massachusetts Courts Master Plan, Massachusetts

Lucas County Detention Center Housing Unit Studies
Toledo, Ohio

Rhode Island Department of Corrections Master Plan,
Cranston, Rhode Island

Travis County Civil and Family Court Design, Austin, Texas

Pinnellas County Jail Design Build, Clearwater, Florida

Bennington District Courthouse, Bennington, Vermont

Franklin County Court of Common Pleas, Columbus, Ohio

Tuscaloosa Federal Courthouse and Office Building,
Tuscaloosa, Alabama

Nashville Federal Courthouse and Office Building, Nashville,
Tennessee

Richard B. Russell U.S. Courthouse, Atlanta, Georgia

Lehigh County Courts Master Plan, Renovation & Expansion,
Allentown, Pennsylvania

Bridgeport Juvenile Court and Detention Facility, Bridgeport,
Connecticut

Cheltenham Youth Detention Facility, Cheltenham Maryland

Van Cise-Simonet Detention Center, Denver, Colorado

Union County Juvenile Detention Center, Linden, New Jersey

Merrimack County Jail, Boscawen, New Hampshire

Montgomery County Criminal Justice Complex, Rockville,
Maryland

Rhode Island Youth Assessment Facility, Cranston, Rhode
Island

Rhode Island Youth Development Facility, Cranston, Rhode
Island

Hardin County Juvenile Facility, Elizabethtown, Kentucky

Columbus Municipal Courthouse Studies, Columbus, Ohio

3. Resumes

CGL COMPANIES

Planning and Design

Silvia Cheng, AIA, LEED AP

Project Role: Correctional Designer

Years w/ Firm: **14**

Total Years of Experience: **16**

MA Registration: **NA**

Other: **NCARB, LEED AP**

Availability: **40%**

Applicant Office Address:

**1330 6th Ave
28th Floor
New York, New York
10019**



A key contributor to our justice design and planning team, Silvia serves as lead designer, project architect and project manager through all planning and design phases. Silvia's expertise and depth of knowledge of justice facilities derives from her heavy involvement of new and renovated courthouse and correctional facility projects. She transforms program intention into uplifting designs by working closely with the users and successfully collaborating with consultant and partner architects to integrate their inputs into a cohesive final design.

Brockton Superior Court and Trial Court Study,
Brockton, Massachusetts

Rikers Island Facilities Improvement Project, New York, New York

New Hampshire Male and Female Prison Facility, Concord,
New Hampshire

New Castle County Courthouse Renovation, Wilmington,
Delaware

New Castle County Courthouse Expansion Feasibility Study,
Wilmington, Delaware

Bronx Family & Criminal Courthouse Renovation, Bronx, New York

Manhattan Courts Master Plan, Manhattan, New York

Travis County Civil and Family Courts Facility, Austin, Texas

Multnomah County Courthouse, Portland, Oregon

Catonsville District Courthouse, Baltimore, Maryland

Bergen County Justice Center Renovation, Hackensack, New Jersey

City of Hampton Circuit Courthouse, Hampton, Virginia

Augusta Richmond County Judicial Center, Augusta, Georgia

Hudson County Government Center Study, Jersey City, New Jersey

West Memorial Renovation and Adaptive Reuse, Ottawa, Ontario, Canada

Brampton Courthouse Study and Master Plan, Brampton, Ontario, Canada

Thunder Bay Consolidated Courthouse, Thunder Bay, Ontario, Canada

Prince Jonah Kuhio Kalaniana'ole Federal Building and U.S. Courthouse, Honolulu, Hawaii

Brooklyn Criminal Courthouse, Brooklyn, New York

United States Federal Courthouse, Harrisburg, Pennsylvania

3. Resumes

CGL COMPANIES

Planning and Design

Brett Firfer, AICP, LEED AP

Project Role: Correctional Planner

Years w/ Firm: **14**

Total Years of Experience: **16**

MA Registration: **NA**

Other: **AICP, LEED AP**

Availability: **25%**

Applicant Office Address:

**1330 6th Ave
28th Floor
New York, New York
10019**



Mr. Firfer has extensive experience planning Federal and state courthouses across the country, provided data analysis and projections, staffing estimates, space programming, pre-design guidelines, conceptual design, and phasing plans. His completed projects range in scale from single buildings to multi-facility master plans with millions of square feet. Mr. Firfer's strengths include his understanding of justice facility needs and functions, his organizational sensibility, and his broad range of knowledge in justice system operations.

Massachusetts Courts Master Plan, Statewide, Massachusetts	Union County Juvenile Detention Center, Elizabeth, New Jersey
Westchester County New Youth Detention Center, White Plains, New York	Merrimack County Jail, Boscawen, New Hampshire
Lucas County Detention Center Architectural Space Program, Toledo, Ohio	Indiana County Jail Study, Indiana County, Pennsylvania
Philadelphia Inmate Space and Planning Study, Philadelphia, Pennsylvania	Stark County Jail Expansion and Design, Canton, Ohio
New York City Boroughs Jails Study, New York, New York	Hardin County Juvenile Center, Elizabethtown, Kentucky
Santa Fe County Adult Detention Facility, Santa Fe, New Mexico	Juvenile Correctional Facility Needs Assessment Data Analysis, Pacific Northwest Tribes
Monroe County Public Safety Building New Corrections Dorm, Rochester, New York	Ashley U.S. Courthouse Annex and Modernization, Toledo Ohio
Dutchess County Jail, Poughkeepsie, New York	Jonas U.S. Courthouse Annex and Renovation, Charlotte, North Carolina
Montgomery County Jail, Conroe, Texas	Harrisburg Federal Courthouse, Harrisburg, Pennsylvania
Newfoundland and Labrador Province Corrections Master Plan, St. John's, Newfoundland-Labrador, Canada	AOUSC Long Range Facility Plan: Wyoming, Western Wisconsin, and Alaska Districts
Monroe County Children's Detention Center Rochester, New York	GSA Courthouse Efficiency Study, Nationwide
Rikers Island New Admissions and Assessment Facility New York, New York	El Paso Federal Courthouse, El Paso, Texas
Westchester County Correctional Facility Valhalla, New York	Las Cruces Federal Courthouse, Las Cruces, New Mexico
Aurora Municipal Campus Master plan, Courthouse and Jail, Aurora, Colorado	Nashville US Courthouse Programming, Nashville, Tennessee
King County Cities Jails Study King County, Washington	

3. Resumes

Dewberry

Architecture

Jim Beight, AIA, LEED AP, NCARB

Project Role: Director of Justice Architecture

Years w/ Firm: **25**

Total Years of Experience: **43**

Other: **Registered Architect, Massachusetts, #31957**

Availability: **25%**

Applicant Office Address:

Dewberry
8401 Arlington Boulevard
Fairfax, VA 22031

- Federal Bureau of Prisons A/E Services to Support Nationwide Design-Build Program (MATOC), Washington, DC
- Baltimore Women's Detention Center, Baltimore, MD
- Baltimore Youth Detention Center, Baltimore, MD
- State of Nebraska Community Corrections Center, Lincoln, NE
- Columbia County Detention Center, Lake City, FL
- Loudoun County Adult Detention Center Phase II Expansion, Leesburg, VA
- Loudoun County Community Corrections Plan and Jail Expansion Planning Study, Leesburg, VA
- Rappahannock Regional Jail Expansion, Stafford, VA
- SCI Phoenix East and West Correctional Centers, Graterford, PA
- Escambia County Jail Main Jail Upgrade, Pensacola, FL
- Sutter County Main Jail Expansion, Modesto, CA
- Mansfield Justice Center Annex, City of Mansfield, OH
- Middletown Jail and Courts Study, Middletown, OH
- Blount County Justice Center, Marysville, TN Virginia Department of Juvenile Justice New Infirmary/School Building at the Bon Air Juvenile Correctional Center, Bon Air, VA
- Central Virginia Regional Jail Addition, Orange, VA

Dewberry

Architecture

Bruce Omtvedt, AIA

Project Role: Detention Facility Planner/Designer

Years w/ Firm: **4**

Total Years of Experience: **40**

Other: **Registered Architect**

Availability: **20%**

Applicant Office Address:

Dewberry
8401 Arlington Boulevard
Fairfax, VA 22031

- Kentucky Department of Corrections - Correctional Medical Facility Relocation, Lexington, KY
- Alabama Department of Corrections - Criteria Documents for Three 4,000-Bed Facilities, AL
- Johnson County Justice Facilities Programming and Master Plan, KS
- Steele County Jail Security Assessment, Owatonna, MN
- Beaufort County Space Needs Analysis and Master Plan, NC
- Middletown Jail and Courts Study, Middletown, OH
- Kansas City Detention Center Pre-Design Study, Kansas City, MO
- Los Angeles County Mira Loma Women's Detention Center - Treatment-Centric Design & Transitional Housing, Mira Loma, CA
- Milwaukee County Secure Residential Care Centers for Children and Youth, Milwaukee, WI
- Butte County Jail Design, Oroville, CA
- Columbia County Detention Center, Lake City, FL
- Putnam County Justice Center, Cookeville, TN

3. Resumes

Dewberry

Architecture

Richard Novitsky, RA

Project Role: Corrections Project Architect

Years w/ Firm: 11

Total Years of Experience: 29

Other: **National Council of Architectural
Registration Boards**

Availability: 25%

Applicant Office Address:

**Dewberry
401 SW Water Street #701
Peoria, IL 61602**

- Columbia County Detention Center, Lake City, FL
- Solano County Main Jail Shower Upgrades and Cell Block Redesign, Fairfield, CA
- Butte County Jail, Oroville, CA
- State of Nebraska Community Corrections Center-Lincoln, Lincoln, NE
- Stanislaus County Public Safety Center Expansion Projects, Modesto, CA
- Baltimore Youth Detention Center, Baltimore, MD
- Calaveras County Adult Detention Center and Sheriff's Administration, San Andreas, CA
- CDCR DeWitt Nelson Correctional Annex, Stockton, CA
- CDCR Mule Creek Infill Complex - Lodi, CA
- Baltimore Youth Detention Center, Baltimore, MD
- SCI Phoenix East and West Correctional Centers, Graterford, PA
- East County Detention Center, County of Riverside, California
- St. Tammany Parish Jail Renovation, Covington, LA
- Stateville Correctional Center X-House Housing Unit, Crest Hill, IL

Dewberry

Mechanical/Electrical/Plumbing Engineering

Nicholas Saponara, PE, DBIA

Project Role: Mechanical/Plumbing/Fire
Protection Engineer

Years w/ Firm: 8

Total Years of Experience: 32

MA Registration: Professional Engineer (51070)

Other: N/A

Availability: 30%

Applicant Office Address:

**132 West 31st Street, Suite 301
New York, NY 10001**

Nicholas Saponara, serving as Assistant Department Manager for the mechanical, electrical and plumbing (MEP) group, is responsible for overseeing design, estimating and field supervision of MEP systems, pricing, and scheduling as well as client and contractor contact and coordination. He is experienced in organizing/creating mechanical engineering drafting and detail standards, creating comprehensive uniform equipment schedules to aid in efficiency, and providing quality control. His project experience includes office, education, retail, and commercial buildings, in addition to housing for Federal, state and local clients. Mr. Saponara's relevant experience includes design work under a task order A/E Contract for the Federal Bureau of Prisons. Task Order assignments include working at: Metropolitan Detention Center in Brooklyn, NY and the Metropolitan Correction Center in New York, NY; Federal Correction Institution in Ray Brook, NY and Federal Correctional Institution Otisville Camp, Otisville, NY and Federal Medical Center Devens in Ayer, MA. Additional buildings experience includes:

- David L Moss Criminal Justice Center Expansion, Tulsa, OK
- State Correctional Facility Institutions Phoenix East and West, Graterford, PA
- NYCDCAS 100 Gold Street Building, New York, NY
- New York City Housing Authority MEP A&E Contract for Various Developments, Citywide, NY
- Dormitory Authority of New York State Term Agreement Energy and Professional Design Services, Citywide, NY
- Federico Degateau Federal Office Building can Clemente Ruiz Nazario Courthouse, Hato Ray, PR

3. Resumes

Dewberry

Mechanical/Electrical/Plumbing Engineering

Shahid Joarder, PE

Project Role: Electrical Engineer

Years w/ Firm: 13

Total Years of Experience: 41

MA Registration: Professional Engineer (51027)

Other: N/A

Availability: 30%

Applicant Office Address:

**132 West 31st Street, Suite 301
New York, NY 10001**

Shahid Joarder is an electrical design engineer with 41 years of experience in electrical light and power systems, fire alarm systems, public address system, clock system, telephone system, intercom system, master antenna cable TV system, intrusion detection alarm system and access control system for subways, tunnels, bridges, highways, toll plazas, commercial, industrial and institutional facilities. He has extensive knowledge of building codes and the permitting process. His projects include sustainable designs and energy efficient systems for new projects and energy efficient upgrades for existing facilities. Shahid is one of Dewberry's most senior project managers, and has successfully managed large and small multi-discipline contracts. Shahid has exceptional knowledge of electrical systems and a keen ability to provide effective technical solutions. Mr. Joarder's relevant experience includes design work under a task order A/E Contract for the Federal Bureau of Prisons. Task Order assignments include working at: Metropolitan Detention Center in Brooklyn, NY and the Metropolitan Correction Center in New York, NY; and Federal Medical Center Devens in Ayer, MA. Additional buildings experience includes:

- Rhode Island Dept. of Corrections Master Plan, Cranston, RI
- State Correctional Facility Institutions Phoenix East and West, Graterford, PA
- Fort Hamilton Armed Forces Reserve Center, U.S. Army Corps of Engineers, Louisville District, Brooklyn, NY
- Dormitory Authority of New York State Term Agreement Energy and Professional Design Services, Citywide, NY
- Federico Degateau Federal Office Building can Clemente Ruiz Nazario Courthouse, Hato Ray, PR
- Major General Emmett J. Bean Federal Center Modernization, General Services Administration, Indianapolis, IN

Dewberry

Security and Detention

Craig Clary, DBIA

Project Role: Security/Detention Designer

Years w/ Firm: 9

Total Years of Experience: 25

Other: **Designated Design Build
Professional, #1685**

Availability: 15%

Applicant Office Address:

**Dewberry
401 SW Water Street #701
Peoria, IL 61602**

- Georgia Department of Corrections - Augusta State Medical Prison - Security and Detention Renovation Grovetown, GA
- Georgia Department of Corrections - Jimmy Autry State Prison - Security and Detention Renovation, Pelham, GA
- Illinois Department of Corrections - Hill Correctional Facility - Upgrade Touchscreen and Speakers in Housing Unit, Galesburg, IL
- Illinois Department of Corrections - Logan Correctional Center - Replace Lock Controls X-House, Lincoln, IL
- Illinois Department of Corrections - Graham Correctional Center - Replace Lock Controls, Hillsboro, IL
- Rushville Treatment and Detention Facility – Replace Electronic Lock Controls, CCTV and Intercom Systems, Rushville, IL
- Volusia County Branch Jail (VCBJ) and the Volusia County Correctional Facility - Security and Detention Upgrade, Daytona Beach, FL
- Columbia County Detention Center, Lake City, FL
- State of Nebraska Community Corrections Center, Lincoln, NE
- Escambia County Jail Main Jail Upgrade, Pensacola, FL
- Sutter County Main Jail Expansion, Modesto, CA
- Baltimore Youth Detention Center, Baltimore, MD

3. Resumes

Dewberry

Civil Engineering

Adam Zysk, PE

Project Role: Civil Engineer

Years w/ Firm: **13**

Total Years of Experience: **36**

Other:

Availability: **25%**

Applicant Office Address:

Dewberry
99 Summer Street, Suite 700
Boston, MA 02110

- Rhode Island Department of Corrections – Master Plan Update – Cranston, RI
- Federal Bureau of Prisons – Site Improvements – Berlin, NH
- Hanscom Civil Airfield – Drainage Study and Improvements – Bedford, MA
- Hanscom Air Force Base – Force Protection Analysis, Utility Studies, Site Improvements – Bedford, MA
- Veterans Administration – Road and Drainage Improvements, Site Improvements – Various locations MA, RI and NH
- Bellingham Square – Site Improvements, Green Infrastructure, Site Lighting – Chelsea, MA

3. Resumes

Lim Consultants, Inc.

Structural Engineering

Christine Ye, PE, Principal

Project Role: Project Manager

Years w/ Firm: 22

Total Years of Experience: 28

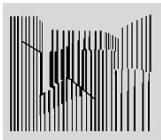
MA Registration #41079, Structural

Other: N/A

Availability: 40%

Applicant Office Address:

6 Pleasant St
Suite 520
Malden, MA 02148



Lim Consultants, Inc.

6 Pleasant Street, Suite 520
Malden, MA 02148
Ph. 781/338-9300 Fax 781/338-9310
www.limconsultants.com
Structural Engineering Consultants

Ms. Ye has over twenty years of experience in building design. She has been involved in all phases of the development, design and project management for various types of structures that include: educational facilities, research and development laboratories, judicial facilities, hospitals, hotels, transportation facilities, and residential buildings. Ms. Ye's specialty is the design and detailing of complex structures to satisfy architectural design. Her project experience includes:

- Ames Library, Illinois Wesleyan University, Bloomington, Illinois
- Allston Branch Public Library, Boston, MA
- Boston Renaissance Charter Public School Renovation and Addition, Hyde Park, Boston, MA
- Charlton College of Business Expansion, UMass Dartmouth, MA
- Comfort Inn, Revere, MA
- Condition Evaluation and Study of Residential Facilities for UMass Amherst, MA
- Glover Elementary School, Marblehead, MA
- Hyannis Intermodal Transportation Center, Hyannis, MA
- Mandel Center, Case Western Reserve University, Cleveland, OH
- Massachusetts General Hospital Museum, Boston, MA
- MBTA Charles Street Station Head House, Boston, MA
- MBTA Government Center Green Line Station Head House and Blue Line Egress Head House, Boston, MA
- New Life Science Laboratories, *University of Massachusetts, Amherst, MA*
- New Library Commons, Massachusetts Maritime Academy, Buzzards Bay, MA
- Northeast Regional Youth Center, DYS, Middleton, MA
- Pulichino Tong Business Building, University of Massachusetts, Lowell, MA
- Social Sciences Building and Classroom Building, University of Connecticut
- Simmons College Fens Dining Renovation and Expansion, Boston, MA
- Smith House Renovation, Boston, MA
- Southbridge Middle School and High School, Southbridge, MA
- St. Ann's Home Adolescence Center, Methuen, MA
- Thompson Elementary School, Arlington, MA
- USFWS Parker River NWR Regional Headquarter, Newburyport, MA
- VA Medical Center Power Plant, West Haven, CT
- Worcester Trial Court, Worcester, MA
- New Dining Commons, UMass Amherst, MA

Education

MS in Structural Engineering, Northeastern University, Boston, MA
BS in Civil Engineering, Southeast University, Nanjing, China

3. Resumes

EarthDesign Landscape Architecture LLC

Landscape Architecture

Alice W. Webb, PLA, ASLA
Project Role: Landscape Architect

Years w/ Firm: **16**
Total Years of Experience: **38**

MA Registration: **LA 1404**

Other: **N/A**

Availability: **100%**

Applicant Office Address:

**280 Beverly Road
Worcester, MA 01605**

**Professional
Experience**

EarthDesign Landscape Architecture LLC
Worcester, Massachusetts
Principal / Owner, 2005 to present
www.edlandarch.com

Town of Cary, North Carolina
Parks, Recreation, & Cultural Resources Department
Landscape Architect / Park Planner, 1986 to 2004

Town of Garner, North Carolina
Department of Community Development
Planner / Landscape Designer, 1984 to 1986

Little & Little Landscape Architects
Raleigh, North Carolina
Landscape Designer, 1983 to 1984

**Professional
Licensure**

Professional Landscape Architect
Massachusetts – #1404

Education

Bachelor of Landscape Architecture
Michigan State University, cum laude, 1983

**Professional
Affiliations**

Member, American Society of Landscape Architects, 1987 to present
Member, Boston Society of Landscape Architects, 2005 to present
Member, Continuing Education Committee, North Carolina Board of Landscape Architects, 1998 to 2002; Committee Chair, 2000 to 2002
Secretary, Executive Committee, North Carolina Chapter of American Society of Landscape Architects, 1995 to 1997; Member-at-Large, 1993 to 1995

Publications

Land Perspectives blog – www.landperspectives.com
“Bringing Nature into Children’s Playgrounds”, New England Parks Association Spring 2010 Newsletter

Awards

Merit Award, N. C. Chapter of American Society of Landscape Architects, for Hemlock Bluffs Nature Preserve (principal designer)

Certificate of Appreciation Award, N. C. Chapter of American Society of Landscape Architects, for Fred G. Bond Park (co-designer)



3. Resumes

This optional layout can be used if desired to include two resumes on the same page. Delete this note when using this layout

Kalin Associates, Inc.

Specification Consultant

Mark Kalin, FAIA, FCSI, LEED AP

Specification Consultant

Years w/ Firm: 35

Total Years of Experience: 40

MA Registration: Architectural, #4657

Other: LEED AP

Availability: 20%

Applicant Office Address:

**1121 Washington Street
Newton, MA 02465**

Since 1984, Kalin Associates has prepared specifications for over 4,000 projects worldwide, over 600 Massachusetts MGL Chapter 149 and MGL Chapter 149A public bid projects, 300 projects seeking sustainable design certifications (LEED, Living Building Challenge, Well, Passive House), master specifications for over 500 building product manufacturers, and design standards for many public agencies, universities and trade associations.

3. Resumes

Ellana, Inc.

Cost Estimating

Clive Tysoe

Project Role: **Cost Estimating**

MA Registration Type and #:
N/A

Years w/ Firm: **3**
Total Years' Experience: **43**

MA Registration: N/A
Other: **Appointed Associate Member
of the RICS**

Availability: **25%**

Applicant Office Address
Ellana, Inc.
98 North Washington Street
Suite 109
Boston, MA 02114

Mr. Tysoe has over 40 years of experience in cost estimating, quantity surveying, internationally and regionally. His experience in the UK, USA and overseas covers many sectors of the construction industry and his strong focus on client satisfaction and managing expectations provides a great benefit especially on larger, more complex projects. His experience involves projects ranging from small projects to multimillion dollar endeavors. Mr. Tysoe has assisted on several value engineering workshops, providing an opportunity to the clients to re-evaluate the design and cost of their project. His broad base of construction knowledge and experience gives clients valuable advice and the ability to make informed decisions early in the design process.

DCAMM Middleton Jail ISB Replacement Study, Middleton, MA

This project involves providing cost estimating services for the current 2-level Middleton Jail Inmate Services Building Replacement study. The purpose of this project is to assess the building to identify alternative approaches to the project phasing and development.

Various MEP projects for UMass Campuses, Various, MA

These projects involve providing cost estimating service for construction of MEP upgrade works at UMass campuses. The estimates are used to develop budgets or for tracking design work against budgets. Projects include: UMass Lowell Redundant Feeder, UMass Lowell Tsongas Area HVAC, Sheehan & Concordia Hall, UMass Olney Hall Lab Renovations, UMass Costello Gym, Thonsgas Arena HVAC Upgrade, UML Generator Study, UML North Quad Electrical, UML Redundant and Electrical feeder.

DCAMM Electrical Upgrades at 4 Campuses, Various, MA

This project involves providing cost estimating consultant service for electrical upgrades over four higher education facilities. The campuses involved were NECC, QCC, WSU and Fitchburg.

DCAMM Massachusetts State House - Water Infiltration Repairs, Boston, MA

As a part of larger measures to extend the life of The Massachusetts State House building, DCAMM needed to upgrade the waterproofing. This project involved providing cost-estimating. Given the high-profile nature, unique challenges and their subsequent costs had to be taken into consideration. The water infiltration that was occurring was mostly associated with skylights, walkways, and staircases at the exterior. The engineer's work involved the dismantling and re-building of a large portion of the stone work, pavers, balustrades, and stone treads. Historic preservation practices played a significant role.

DCAMM North Point Maintenance Building, Cambridge, MA

This project involves providing cost estimating consultant service for change order evaluation on civil works at North Point Maintenance Building. The estimates are used to negotiate resolution with the contractors.

Provincetown Police Station, Provincetown, MA

This project involved providing cost estimating services for proposed construction of a 14,423sf Police Station. The new Police Station will be a 2-story building that helps law enforcement officers to better serve the people of Provincetown.

DCAMM Renovation of Existing Tower for Department of Public Health (DPH) – Jamaica Plains, MA

This project involved providing cost estimating services for demolition of adjacent buildings/renovation works including laboratory renovations. Scope includes additions to the rooftop and front of the building annex.



3. Resumes

Firm Name: PRACADEMIC SOLUTIONS

Code Consulting

First Name, Last Name: ZEMEL, FELIX

Project Role: CODE CONSULTANT

Years w/ Firm: # 8
Total Years of Experience: # 15

MA Registration: Type and #: BUILDING OFFICIAL – INSPECTOR OF BUILDINGS / BUILDING COMMISSIONER (BO-1573)
Other: Type and #: MA REGISTERED SANITARIAN (SA-1368)

Availability: 20%

Applicant Office Address:

**1116 GREAT PLAIN AVENUE
SUITE 204
NEEDHAM, MA 02492**

PRACADEMIC SOLUTIONS

CODE CONSULTING • PLANNING • ENVIRONMENTAL HEALTH
P.O. Box 920197 • Needham, MA 02492
(781) 269-2216 • info@pracademicsolutions.com

FELIX I. ZEMEL, MCP, MPH, CBO, RS, DAAS – PRINCIPAL

Felix I. Zemel is a nationally-recognized leader in building construction, life safety, and environmental health. Felix combines nearly two decades of experience in municipal and state government with academic training in interdisciplinary engineering, public health, and city planning. Felix is active with the National Fire Protection Association and International Code Council, as well as the National Environmental Health Association and American Academy of Sanitarians. He is currently an Adjunct Professor / Lecturer at Boston University, in their City Planning & Urban Affairs graduate program. He has also guest lectured at the Harvard School of Public Health, and Tufts University School of Medicine and at many national and regional conferences on building codes and life safety.

RELEVANT PROFESSIONAL EXPERIENCE

Director of Health, Human Services, and Inspections, City of Methuen MA (2020-Present)
Managing Principal, Municipal Code Consulting LLC (2017 – Present)
Adjunct Professor / Lecturer in City Planning and Sustainable Development, Boston University (2016 – Present)
Chief of Inspections – Building and Technical Director, Massachusetts Department of Public Safety (2015 – 2017)
Principal, Pracademic Solutions (2014 – Present)
Building Commissioner, Town of Sherborn MA (2014 – 2015)
Health Agent / Health Administrator, Cohasset Board of Health (2012 – 2014)
Sanitarian II, Framingham Board of Health (2010 – 2012)
Housing Inspector, Boston Housing Authority (2007 – 2010)

CURRENT COMMITTEE WORK

Co-chair, ICC Northeast Region 6 Code Development Committee (2019-Present)
Principal / Associate member, Parking Structures, National Fire Protection Association (2019 – Present)
Principal member, Building Construction Committee, National Fire Protection Association (2017 – Present)
Principal member, Building Systems Committee, National Fire Protection Association (2017 – Present)
Principal member, Structures, Construction, and Materials Committee, National Fire Protection Association (2017 – Present)
Principal member, Fire Reporting Committee, National Fire Protection Association (2017 – Present)
Member, Town of Needham Commission on Disabilities (2021-Present)
Secretary / Director, MetroWest Building Official Association (2021 – Present)
Technical Advisor on Climate Change, National Environmental Health Association (2020-2021)
Co-chair, Climate Change Advisory Committee, National Environmental Health Association (2017 – 2021)
Primary member, Tall Wood Building Ad Hoc Committee, International Code Council (2016 – Present)

EDUCATION

DrPH Candidate, Tufts University School of Medicine (Sept 2022 exp. graduation)
Master of Public Health (concentration in Environmental Health), Boston University School of Public Health, (2012)
Master of City Planning, Boston University Metropolitan College (2010)
BS in Engineering Technology, Wentworth Institute of Technology (2008)

RELEVANT PROJECT EXPERIENCE

Through Municipal Code Consulting, LLC: provided plan review, compliance, and value engineering services to the Town of Scituate, RI for the development of a new police station. Through the Commonwealth of MA, provided technical and administrative oversight and management over all state construction projects as they related to code compliance. Oversaw all State Building Inspectors, and regularly met with DCAMM and state agency representatives related to code compliance throughout various state projects, including corrections.

3. Resumes

CDW Consultants, Inc.

Hazardous Materials Consultant

Kathleen Campbell, PE, LSP,
LEED AP, ENV SP

Project Role: **Principal in Charge**

MA Registration Type and #:
Professional Engineer #39420

Years w/ Firm: **28**
Total Years' Experience: **32**

Additional registrations / certifications:
Licensed Site Professional #9984

Availability: **20%**

Applicant Office Address
**6 Huron Drive
Natick, MA 01760**

Ms. Campbell is the President of CDW and has over 30 years of experience in environmental science and engineering in both the public and private sector. She has managed hundreds of projects involving environmental assessments and subsurface investigations, including work on community college, college, and university campuses throughout Massachusetts. She has been involved in many high visibility national and state model brownfields projects and has successfully achieved regulatory closure allowing redevelopment of contaminated sites by integrating risk assessment and cleanup technologies, demolition strategies, and ultimate re-use goals. She has prepared design plans and specifications for various remedial alternatives including soil and groundwater treatment systems, capping strategies, as well as innovative technologies such as bioremediation.

She has provided Licensed Site Professional services including IRAs, RAMs, LRAs, RAOs, and AULs under the Massachusetts Contingency Plan (MCP), and has completed numerous Phase I, Phase II, Phase III and Phase IV studies. She has performed and supervised numerous MCP Method 1, Method 2, and Method 3 risk assessments, including human health and environmental impact assessments.

Ms. Campbell has performed regulatory compliance audits for clients including public agencies and municipalities. She also has extensive experience in the preparation of federal, state and local permit applications. She has responsibility for all aspects of environmental permitting and compliance, including remediation, resource protection, wetlands, historical, and hazardous waste management. She has prepared permit applications under the Massachusetts Environmental Policy Act, the DEP Wetlands Protection Act, DEP Chapter 91 Waterways regulations, U.S. Army Corp. of Engineers regulations, US Coast Guard, US Fish & Wildlife, National Environmental Policy Act, and the USEPA National Pollutant Discharge Elimination System. Ms. Campbell has

CDW Consultants, Inc.

Hazardous Materials Consultant

Susan Cahalan
Senior Environmental Scientist

Project Role: **Hazardous Materials
Specialist**

MA Registration Type and #:
**Licensed Asbestos Inspector
#A1060784**

Years w/ Firm: **9**
Total Years' Experience: **22**

Additional registrations / certifications:
**State of New Hampshire
Licensed Professional Geologist #371**

Availability: **30%**

Applicant Office Address
**6 Huron Drive
Natick, MA 01760**

Ms. Cahalan's current responsibilities include preconstruction and pre-renovation assessments of asbestos and other hazardous materials contained in buildings, brownfields site data analysis, management of impacted soil and groundwater at construction sites, project reporting under the MCP, and the completion of risk assessments for a variety of public and private sector clients. She performs comprehensive pre-renovation testing of building materials and develops construction documents including engineering specifications for handling and abatement of the hazardous substances present, for incorporation into contract bid packages. Construction services provided included project monitoring, clearance sampling, and additional testing of hidden hazardous substances encountered during construction and advising client and contractors how to appropriately handle and dispose of the substances. She and Ms. Campbell have worked as a team on the following projects:

- MCI Framingham, Framingham
- Former Medfield State Hospital, Medfield, MA
- State Police Barracks, Medford, MA
- Haverhill District Court, Haverhill, MA
- Holyoke Community College, Holyoke, MA
- State Hospital Building, Westfield, MA
- Bryan Building, Worcester, MA
- State Hospital Building, Lancaster, MA
- Bridgewater State Hospital, Bridgewater, MA
- Middlesex House of Corrections, Billerica
- Former State Hospital Campus, Franklin
- Soldiers' Home, Chelsea, MA

4. Prime Experience

CGL COMPANIES

Planning and Design

Massachusetts Capital Master Plans Courts, DOC, and DYS

Commonwealth of Massachusetts

Project Team:

PIC: Ken Ricci (Courts/DYS) Steve Carter
(DOC)

PM: Ryan Critchfield (Courts and DYS)

Other key team
members: Brett Firfer

Date Completed: Courts Capital Master Plan
2017
DOC Capital Master Plan
2014
DYS Facilities Master Plan
2009

Construction Cost: TBD
Project Cost: Varies

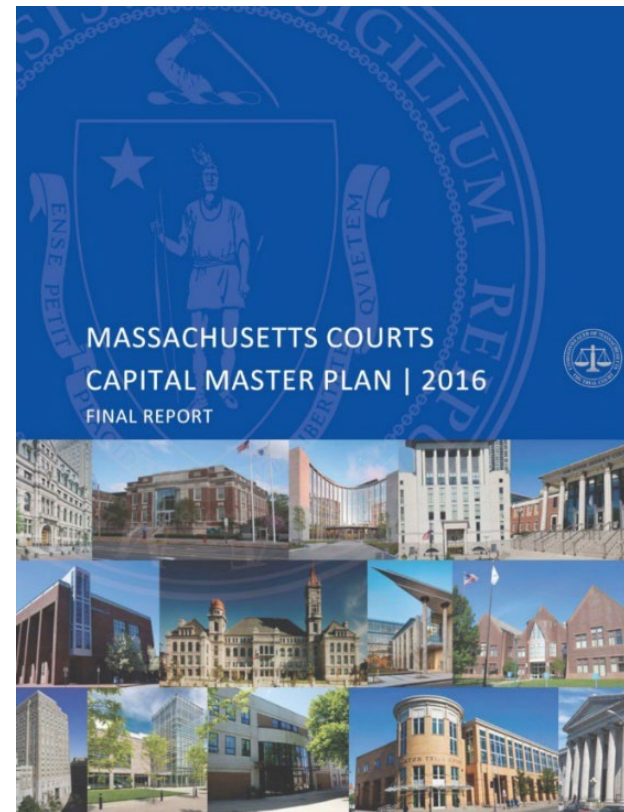
Client

Robin Luna
(617) 727-4050
robin.luna@state.ma.us



In 2008 MA Department of Capital Asset Management and Maintenance (DCAMM) contracted with CGL to provide facility conditions assessments, master planning, and capital planning services statewide for the Massachusetts Department of Youth Services (DYS). DYS is responsible for providing security, supervision, programming, and services to youth who have been committed by the Courts for detention or placement. The system is organized in five geographical regions which support over 20 secure residential programs in 23 facilities. Many of these facilities are in old and outmoded buildings in need of major infrastructure improvements or renovations.

In 2014 DCAMM again hired CGL to provide similar services for the Massachusetts Trial Courts (MTC), to develop a comprehensive, statewide capital plan. The goal of the plan was to address the State's pressing needs and to accommodate the goals of the 2013 Courts Strategic Operational Plan to improve access to justice. The plan addresses 101 court locations across the State and includes: a high-level evaluation of existing buildings, an analysis of operational trends regarding caseload and building utilization, development of priorities, and a goal of consolidating the currently unsustainable portfolio of buildings.



4. Prime Experience

CGL COMPANIES

Rhode Island Department of Corrections 25
Year Facility Capital Master Plan

Cranston, Rhode Island

Project Team:
PIC: Robert Glass
PM: Brad Sassatelli

Other key team members: Ryan Critchfield, Robert Glass,

Date Completed: 2019

Construction Cost: TBD
Project Cost: Over \$1 Billion

Client
Anthony Feole
(401) 462-3066
anthony.feole@doc.ri.gov



CGL Companies was contracted to develop 25-year facilities master plan and feasibility study for the Rhode Island Department of Corrections (RIDOC). The goal of this project was to develop a road map for RIDOC's physical plant that would allow it to more effectively modernize its operation consistent with system goals. As part of this work CGL conducted an existing conditions assessment, identified system needs, developed individual building studies and prepared a master plan for the future. The master plan developed was completed through rigorous collaboration with RIDOC and the State of Rhode Island.



Evaluation Category	Intake			Minimum			Medium			Maximum			High Security			Women's		
	Funct. Adequacy	Physical Plant	Space Adequacy	Funct. Adequacy	Physical Plant	Space Adequacy	Funct. Adequacy	Physical Plant	Space Adequacy	Funct. Adequacy	Physical Plant	Space Adequacy	Funct. Adequacy	Physical Plant	Space Adequacy	Funct. Adequacy	Physical Plant	Space Adequacy
Component - Department																		
1 Housing	Good	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Fair - Needs Attention	Poor - Inadequate
2 Administration																		
2A Command Offices	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention
2B Staff Support/Services	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention
3 Inmate Programs																		
3A Educational	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention
3B Recreational	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention
3C Vocational	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate
4 Inmate Services																		
4A Food Service / Laundry	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention
4B Visitation	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention
5 Committing	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Fair - Needs Attention	Poor - Inadequate
6 Health Care																		
6A Clinical	Poor - Inadequate	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate
6B Infirmary	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate
6C Behavioral Health	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate
7 Building Services / Support	Fair - Needs Attention	Poor - Inadequate	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Poor - Inadequate	Poor - Inadequate	Poor - Inadequate	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention	Fair - Needs Attention
	Good	Fair - Needs Attention	Poor - Inadequate															
	Fair - Needs Attention																	
	Poor - Inadequate																	
	N/A																	

4. Prime Experience

CGL COMPANIES

Planning and Design

Cheltenham Youth Detention Facility

Cheltenham, Maryland

Project Team:

PIC: Kenneth Ricci

PM: Ryan Critchfield

Other key team members: Ryan Critchfield

Date Completed: 2016

Construction Cost: \$48 Million
Project Cost: Not Available

Client

Sam Abed
(410) 230-3101
sam.abed@maryland.gov



The CGL Team was commissioned by Maryland Department of General Services (DGS) to design a new Youth Detention Center in Cheltenham Maryland. The 92,000 GSF facility provides housing, somatic and behavioral health, educational, recreational, and support space for the 72 male youth held by court order. The new detention center is designed to replace the aging and inefficient existing campus of buildings on adjacent land. The new facility will operate under the direct supervision model, which places youth workers and security staff within the housing and program areas among the youth with the goal to improve outcomes. The design and layout of the site is a response to several key goals of the project. As a good neighbor, the facility presents a non-institutional face to the community and the public, and the security fencing visible from Frank Tippet Road adjacent residential properties is minimized.



4. Prime Experience

CGL COMPANIES

Planning and Design

Pinellas County Jail Infrastructure Building

Clearwater, Florida

Project Team:

PIC: Ryan Critchfield

PM: Ryan Critchfield

Other key team members: Jared Altobello

Date Completed: April 2018

Construction Cost: \$89 Million

Project Cost: Not available

Client

Mark Pistillo

(727) 542-4629



The new Infrastructure Building on the Pinellas County Jail campus provides for a new central plant and master control. The Infrastructure Building contains the Laundry and Food Services for the entire jail operations and is a hive of inmate and officer activity. Food and Laundry flow in and out of the facility 18 hours per day. The design process analyzed the delivery times and in an out flow of these processes to identify optimal placement of washers and dryers, and ovens and dishwashers, as well as cart paths, to ensure the efficiency and safety of this inmate labor driven operation. Good sightlines, cart travel paths protected by weather and eliminating impediments to swift safe movement were essential to making this project successful. The DB team reorganized the layout of the laundry area to align with this flow and operations and put the office in the center of the space with clear visibility and access to the entire process.



The infrastructure building design and planning has several resiliency features intended to maintain critical operations during the most severe weather events and natural disasters. As the nerve center of the entire campus, the building must remain operational at all times.

The Kitchen and Security Controls and Central Energy Plant are intentionally elevated (second and third floors) to raise them above the Category 5 storm surge and the building main first floor is elevated above the 500 year flood plain. Exterior windows are designed to Miami-Dade Zone 5 186 mph wind loads, above the local code required 155 mph wind loads. The natural gas generator based electrical and chilled water source ensures that the infrastructure building can function as an island through the most severe conditions, and provide food, cooling, and security controls to the entire campus until local utilities are back on line.

The new master controls offers the ability to monitor and control the entire campus. While the control room in each building still monitors and manages the movement during the course of daily operations, master control can take control of any building when needed. In the event of an emergency, the new master control also serves as the emergency operation center for the entire campus.

The new Infrastructure Building also houses a new centralized Food Service and Laundry, both with the capacity to service the entire population plus future expansion.

4. Prime Experience

CGL COMPANIES

Planning and Design

Middlesex County House of Corrections

Billerica, Massachusetts

Project Team:

PIC: Kenneth Ricci

PM: Kenneth Ricci

Other key team members: N/A

Date Completed: 2014

Construction Cost: \$37 million

Project Cost \$40 million

Client

Sean J. McAdam, Superintendent

(978) 932-3376

smcadam@sdm.state.ma.us

This major multi-story expansion to the existing Middlesex County Jail and House of Correction uses modular design, prefabrication and on-site assembly to achieve a successful fast track design build project delivery.

The 82,000 NSF expansion provides 128 "Type I" pre-cast modular cells and a 240 bed dormitory building. The design is organized around a central service corridor that connects to the existing building corridor system, with clear sight lines for effective security. Housing units and dormitories are located on either side of the corridor. Primary mechanical systems were located on the roof to decrease construction time and for future ease of replacement.

Each of the two 64 cell units housing units is organized around a large, light filled two story dayroom designed for inmate daily activities, including dining, indoor recreation, exercise and direct access to outdoor recreation areas. Each also accommodates a multipurpose room, a classroom and several consultation rooms. The raised Corrections Officer's desk provides clear sight lines into every area of the housing unit's main floor and mezzanine level. The dormitory wing consists of four 60 bed units, again with an open plan and significant natural daylighting. Correctional offsets maintain clear sight lines to the sleeping, dining and lounge and grooming areas. These units share two large multipurpose rooms and outdoor recreation space. The exterior security for the building is provided through a combination of custom insulated precast concrete wall panels and precast housing cells.



4b. Sub Consultant Experience

Dewberry

Design and Engineering

Project Name Rhode Island DOC
Corrections Master Planning and Feasibility
Study

Location Cranston, Rhode Island

Date Completed: 2019

Project Team: PIC: Jim Beight

Construction Cost: TBD

Client Contact:

Name: Anthony Feole

Phone number: 401-462.3066

E-mail: Anthony.feole@doc.ri.gov

Project Description:

Dewberry teamed with CGL Companies to develop a master plan and feasibility study of the state correctional facilities for the State of Rhode Island. This study produced a report that articulated and evaluated the short-term and long-term needs for various functional components of the Rhode Island Department of Corrections (RIDOC) at the Pastore Center and provided a road map to accomplish that plan.

Project Relevance:

Site and MEP review of existing facilities to identify deficiencies
Conceptual site design for future development
Review and analysis of campus stormwater and environmental permitting requirements for future development
Development of costs for site and utility improvements



Project Name State Correctional
Institutions Phoenix

Location Graterford, Pennsylvania

Date Completed: 2018

Project Team: PIC: Jim Beight

Construction Cost: \$355 million

Client Contact:

Name:

Phone number:

E-mail:

Project Description:

Dewberry provided design, documentation and construction observation for major portions of this new correctional complex in association with a design/build team.

This fast-track delivery project was led by a Walsh/Heery Joint Venture, with Heery International Inc., Dewberry, and Astorino serving as architects. Dewberry provided architecture, structural and MEP engineering for 12 new housing units showcasing two housing types new to Pennsylvania.

Project Relevance:

The overall campus is designed as a series of buildings and includes administration, security, health services, dietary, maintenance shops, correctional industries, chapel/ treatment, learning resources, inmate activities, guard stations, and housing units that are divided into two separate zones on either side of the support functions.



**Federal Bureau of Prisons A/E Support
Services for Multiple Task Order
Contracts**

Nationwide

Date Completed: 2012

Project Team: PIC: Jim Beight

Construction Cost: \$2 max annual value

Project Description:

Dewberry was awarded one of three nationwide indefinite quantity contracts with the Federal Bureau of Prisons to provide architectural and engineering support services to the Construction Contracting Branch. These projects were assigned throughout the country wherever services are required. Specifically,

Project Relevance:

Dewberry served FBOP on these contracts from 2001 - 2012. The contracts had a \$2 million maximum annual fee value.

4b. Sub Consultant Experience

Lim Consultants Inc.

Structural Engineering

Project Name New Dining Facility

Location MCI Shirley, MA

Date Completed: **2020**

Project Team: PIC: Christine Ye, PE

Construction Cost: **\$12 million**

Client Contact:

Name: Joana Rossi, AIA

Phone number: 877-700-7678

E-mail: jrossi@smrtinc.com

Project Description:

Structural design and construction administration of a new steel framed building.

Project Relevance:

DCAMM

Project Name: *Pulichino Tong* Business School

Location: UMass Lowell

Date Completed: **April, 2017**

Project Team: PIC: Christine Ye, PE

Construction Cost: **\$36 million**

Client Contact:

Name Ron Baker, AIA

Phone number (617) 492-7000

E-mail

Project Description:

Structural design and construction administration of a new 55,000 GSF steel framed building and partial renovation of the existing Lydon Library.

Project Relevance:

DCAMM & High Education

Project Name

Location DCAMM Statewide House Doctor

Date Completed: **2014**

Project Team: PIC: Christine Ye, PE

Construction Cost: n/a

Client Contact:

Name : Glenn Allen, AIA

Phone number: (617) 368-3388

E-mail

Project Description:

Condition evaluation, certifiable studies and renovation on various buildings structures that includes Springfield RMV; Pittsfield State Building, Haverhill Courthouse, and certifiable study and renovation of Parcel 7 Ventilation/Office Building for the MassDOT.

Project Relevance:

DCAMM & House doctor

4b. Sub Consultant Experience

Lim Consultants Inc.

Structural Engineering

Project Name DYS Northeast Regional
Youth Service Center

Location Middleton, MA

Date Completed: **2015**

Project Team: PIC: Christine Ye, PE

Construction Cost: **\$34 million**

Client Contact:

Name: Ned Collier, AIA

Phone number (617) 451-3333

Project Description:

Structural design and construction
administration of a new 70,000 GSF steel
framed building.

Project Relevance:

DCAMM Project

Project Name: Life Science Laboratories

Location: UMass Amherst, MA

Date Completed: **2013**

Project Team: PIC: Christine Ye, PE

Construction Cost: **\$150 million**

Client Contact:

Name: Scott Lebow, AIA

Phone number: (617)338-3993

Project Description:

Structural design and construction
administration of a new 300,000 GSF
concrete and steel framed building.

Project Relevance:

DCAMM Project

4b. Subconsultant Experience

EarthDesign Landscape Architecture LLC

Landscape Architecture

Quinsigamond Community College – Improvements to Administration Building Site

Worcester, MA

Date Completed: **2021 (design)**

Project Team: **Alice Webb (PIC)**

Project Description:

This firm designed a landscape plan for areas adjacent to the Administration building, to enhance the appearance of the area. (EarthDesign performed this work as a sub-consultant for Nault Architects.)

Project Relevance:

Public project

Construction Cost: Not yet determined

Client Contact: **Steve VanDyke, Nault Architects, (508) 755-6134, admin@naultarchitects.com**

City of Worcester – Mulcahy Field Park Improvements

Worcester, MA

Date Completed: **2021**

Project Team: **Alice Webb (PIC)**

Project Description:

This firm designed improvements for a 3.5 acre park, which include new athletic fields and courts, a playground, walkways, picnic area, and additional parking. Construction is complete for Phase I, which consists of a Little League baseball field, sheltered dugouts, bullpens, and a batting cage.

Project Relevance:

Public project

Construction Cost: \$1,450,000 (Phase I)

Client Contact:

**Bill Richard, Project Manager
(508) 799-1297
richardw@worcesterma.gov**

City of Worcester – Main Library Improvements

Worcester, MA

Date Completed: **2021 (design)**

Project Team: **Alice Webb (PIC)**

Project Description:

This firm designed a landscape improvement plan for the main library in Worcester.

Project Relevance:

Public project

Construction Cost (estimate): approx.
\$65,000 for site/landscape work

Client Contact:

**Matt Urban, Project Manager
(774) 242-0287
urbanm@worcesterma.gov**

4b. Subconsultant Experience

EarthDesign Landscape Architecture LLC

Landscape Architecture

City of Worcester – Senior Center Improvements

Worcester, MA

Date Completed: **2020**

Project Team: **Alice Webb (PIC)**

Project Description:

This firm designed a landscape improvement plan for the parking lot area at the Worcester Senior Center. This consisted of LID features including bio-retention area and bio-swale plantings.

Project Relevance:

Public project

Construction Cost: unknown

Client Contact:

Matt Urban, Project Manager

(774) 242-0287

urbanm@worcesterma.gov

Shrewsbury Public Schools – Donor Recognition Plaza at Shrewsbury High School

Shrewsbury, MA

Date Completed: **2019**

Project Team: **Alice Webb (PIC)**

Project Description:

This firm designed a donor recognition plaza near the football field at Shrewsbury High School, which included engraved pavers, seating, and picnic tables.

Project Relevance:

Public project

Construction Cost: unknown

Client Contact:

Pat Collins, Asst. Superintendent for Finance & Operations

(508) 841-8405,

pccollins@shrewsbury.k12.ma.us

4b. Sub Consultant Experience

Kalin Associates, Inc.

Specification Consultant

Western Massachusetts Regional Women's Correctional Center

Chicopee, MA

Date Completed: **2014**

Project Team: **Mark Kalin, FAIA, FCSI**

Construction Cost: **\$18,500**

Client Contact:

Kleinfelder

Dan Tenney, 617-497-7800

DTenney@kleinfelder.com

Project Description:

Addition and remodeling and renovations to existing building to improve overall performance of building and to accommodate new program requirements.

Project Relevance:

MGL Chapter 149A trade-bids, architectural specification writing, and coordination of team specifications.

DCAMM Rev9 Specification Standards

Boston, MA

Date Completed: **ongoing**

Project Team: **Mark Kalin, FAIA, FCSI**

Construction Cost: **varies**

Client Contact:

Kleinfelder

Simone Brogini, 617-497-7800

SBrogini@kleinfelder.com

Project Description:

Updating current DCAMM master specifications.

Project Relevance:

MGL Chapter 149/149A, architectural specification writing, and coordination of team specifications.

Middlesex Jail & House of Corrections

Billerica, MA

Date Completed: **2011**

Project Team: **Mark Kalin, FAIA, FCSI**

Construction Cost: **\$20,000**

Client Contact:

SMMA

Bob Hicks, 617-547-5400

hicks@smma.com/

Project Description:

Addition and remodeling and renovations to existing building to improve overall performance of building and to accommodate new program requirements.

Project Relevance:

MGL Chapter 149 filed sub-bids, architectural specification writing, and coordination of team specifications.

4b. Sub Consultant Experience

Kalin Associates, Inc

Specification Consultant

Lowell Justice Center

Lowell, MA

Date Completed: **2020**

Project Team: **Mark Kalin, FAIA, FCSI**

Construction Cost: **\$60,000**

Client Contact:

Finegold Alexander Architects

Jeff Gariga, 617-227-9272

jig@faainc.com

Project Description:

Addition and remodeling and renovations to existing building to improve overall performance of building and to accommodate new program requirements.

Project Relevance:

MGL Chapter 149A trade-bids, architectural specification writing, and coordination of team specifications.

Essex County H.O.C. 80 Bed Unit

Middleton, MA

Date Completed: **2022, estimated**

Project Team: **Mark Kalin, FAIA, FCSI**

Construction Cost: **\$4,000**

Client Contact:

Kleinfelder

Simone Brogini, 617-497-7800

SBrogini@kleinfelder.com

Project Description:

Addition and remodeling and renovations to existing building to improve overall performance of building and to accommodate new program requirements.

Project Relevance:

MGL Chapter 149 filed sub-bids, architectural specification writing, and coordination of team specifications.

4b. Sub Consultant Experience

Ellana, Inc.

Cost Estimating

DCAMM Middleton Jail - Façade and HVAC Project

Location: **Middleton, MA**

Date Completed: **2020**

Project Team: **Clive Tysoe**

Construction Cost: **\$2,900,000**

Client Contact:

Simone Brogini

617.750.2233

SBrogini@kleinfelder.com

Project Description:

This project involves providing cost estimating services for façade and HVAC upgrades at the 80-bed unit and vocational building of the Middleton Jail. Our team provided cost estimating at the Schematic Design and 60% design phases.

Project Relevance:

Cost Estimating

DCAMM MCI Framingham Cottages Window Replacement

Location: **Framingham, MA**

Date Completed: **2019**

Project Team: **Clive Tysoe**

Construction Cost: **\$4,700,000**

Client Contact:

Harold Levkowicz

627.357.7790

Harold.Levkowicz@hdrinc.com

Project Description:

This project involved assisting to provide cost estimating at the study level and 90% CD phase for the replacement of windows MCI Framingham.

Project Relevance:

Cost Estimating

DCAMM Hampden CO HOC HVAC

Location: **Ludlow, MA**

Date Completed: **2019**

Project Team: **Clive Tysoe**

Construction Cost: **\$6,000,000**

Client Contact:

Harold Levkowicz

627.357.7790

Harold.Levkowicz@hdrinc.com

Project Description:

This project involves providing estimates for upgrading the HVAC systems at the Hampden County Correctional Center. The facility has many HVAC code and operational deficiencies with the HVAC system. A detailed survey was completed, listing the issues, and Ellana provide cost information for the deficiencies. The estimates were provided for the three individual towers, and also the Annex buildings.

Project Relevance:

Cost Estimating

4b. Sub Consultant Experience

Ellana, Inc.

Cost Estimating

DCAMM Middleton Jail ISB Replacement Study

Location: **Middleton, MA**

Date Completed: **2020**

Project Team: **Clive Tysoe**

Construction Cost: **\$98,000,000**

Client Contact:

Harold Levkowicz

627.357.7790

Harold.Levkowicz@hdrinc.com

Project Description:

This project involves providing cost estimating services for the current 2-level Middleton Jail Inmate Services Building Replacement study. The purpose of this project is to assess the building to identify alternative approaches to the project phasing and development.

Project Relevance:

Cost Estimating

DCAMM Lindemann Building Bathroom Renovations, Phase I and Phase II

Location: **Boston, MA**

Date Completed: **2020**

Project Team: **Clive Tysoe**

Construction Cost: **\$1,000,000**

Client Contact:

Alan Fried

617.357.7760

Alan.fried@hdrinc.com

Project Description:

Ellana performed cost estimating for this project at the Lindemann Building in downtown Boston. Both phases involved design alterations for the third floor bathrooms within the building. The bathrooms, which are a part of the Department of Mental Health's space, were in need of fixture upgrades, several MEP/FP upgrades, and some light architectural upgrades.

Project Relevance:

Cost Estimating

4. Sub Consultant Experience

CDW Consultants, Inc.

Hazardous Materials Consultant

DCAMM Templeton Development Center

Templeton, MA

Date Completed: Current

Project Team: Kathleen Campbell, PIC

Construction Cost: Unknown

Contact: Michael Camoscio
STV, Inc.

617-303-1135

michael.camoscio@stvinc.com

Project Description:

Removal of underground storage tanks on the property (UST). CDW is providing LSP support to manage the presence of an IRA condition from the UST as required by the MCP. Design & construction phase services include preparing specs for the abatement, remediation, material management, and legal disposal of materials for the demolition project. Preparing demolition plans and review of final construction drawings for demolition. Workplan for the bulk loading of asbestos containing material for abatement project.

Project Relevance:

DCAMM project for which plans are submitted to Mass DEP for review and approval.

(Photo at right: "Before" site photo to document where above-ground pipes, manhole covers, and large trees are to be placed.)



MCI Framingham

Framingham, MA

Date Completed: 2016

Project Team:

Kathleen Campbell PIC

Construction Cost: Unknown

Contact: Ms. Danelle Tudor
Environmental Analyst
DCAMM, Office of Facility Maintenance and Management
617-727-4050

Project Description:

Conducted asbestos abatement of boiler gaskets at MCI Framingham. Abatement consisted of an intact removal of gaskets once the flanges were separated. Since the gaskets were abated intact, no containment was necessary and clearance was done visually. CDW prepared the abatement summary report.

Project Relevance:

Professional Services for Hazardous Materials Abatement at a DCAMM/DOC facility. . This is one of the 17 correctional centers under the umbrella of this DCAMM House Doctor contract for DOC.



Middlesex House of Correction

Billerica, MA

Date Completed: 2015

Project Team: Kathleen Campbell, PIC
Susan Cahalan, Hazardous Materials Specialist

Construction Cost: Unknown

Client Contact: Habeeb & Associates
Steve Habeeb, 781-871-9804
shabeeb@habeebarch.com

Project Description:

Performed on-the-ground topographical survey at Community Work Building, locating existing spot grade elevations at a distance of 6 feet off exterior wall around entire perimeter of building for use in determining mean grade level. Prepared plan showing spot grades measured and table showing calculations performed.

Project Relevance:

DCAMM project. Team is experienced in inter-agency coordination and reporting procedures for complex projects in the Commonwealth of Massachusetts. This is one of the 17 Sheriff's Facilities under the umbrella of this DCAMM House Doctor contract for DOC.



4. Sub Consultant Experience

CDW Consultants, Inc.

Hazardous Materials Consultant

MA State Police Academy

New Braintree, MA

Date Completed: 2015

Project Team: Kathleen Campbell, PIC
Susan Cahalan, Hazardous Materials
Specialist

Construction Cost: Unknown

Contact: Ms. Danelle Tudor
DCAMM, Office of Facility Maintenance
and Management

Danelle.tudor@state.ma.us
617-727-4050

Project Description:

Hazardous materials sampling of potential ACM at two boilers and piping. Collected samples of potential ACM from homogeneous areas and submitted to a certified laboratory for analysis by polarized light microscopy. Prepared report of results. Conducted roof drainage study.

Project Relevance:

DCAMM project.



Medfield State Hospital

Medfield, MA

Date Completed: 2013

Project Team:
Kathleen Campbell, PIC
Susan Cahalan, Hazardous Materials
Specialist

Construction Cost: Unknown

Contact: John O'Donnell
Deputy Director, DCAMM
john.odonnell@state.ma.us
617-727-4050

Project Description:

CDW provided professional services during the design and construction phases of this demolition project including preparation of construction documents for the abatement and demolition of multiple buildings; reviewing and approval of shop drawings and samples, payment requisitions, and other construction documents. Conducted inspections of construction activities and dust monitoring during demolition. Prepared record drawings from final as-builts.

Project Relevance:

The DOC project states one of the major design aspects continues to be the development of a logical sequence of renovations, additions, demolition, and new construction.



5. Supplemental Response to Evaluation Criteria (6 pages max)

Massachusetts has a vast portfolio of over 600 buildings on 36 campuses devoted to detention and corrections. Many of the facilities are aging and in need of replacement, but state budgets and political pressures make wholesale replacement difficult, so DCAMM, DOC, and County Sheriffs need to be creative in devising repairs and strategic improvements to make the best impact for improvements within these constraints. CGL has assembled a team of individuals with specific expertise in design, planning, and construction in occupied Detention and Correctional environments. CGL is the leading Detention and Corrections planning and design firm in the nation. Our **360-justice** approach covers all phases of a project from strategic planning to design and construction and beyond to operations and maintenance of a facility. Our planners include former detention and corrections professionals who know what it is like to live and work inside justice facilities, our designers have built careers working solely on justice facility design and construction, and we have a Facility Maintenance division of over 300 staff across the country actively maintaining detention and correctional facilities physical plant. Our specific experience in MA, conducting statewide assessments of DYS, DOC, and Court facilities gives us a deep understanding of the overall system need in the state, and a strong foundation from which to start any repair or replacement project or develop strategic system wide solutions.

Strategic Teaming

Over the years **CGL** has developed a strategic partnership with **Dewberry**, who brings a strong detention and corrections portfolio of design and engineering with both Massachusetts and national expertise. **CGL** will be the Prime Architect and will coordinate the work of all consultants. **CGL** brings campus, facility and operational planning and analysis experience as well as Architectural design and construction experience on occupied correctional environments. **Dewberry** brings both architectural and engineering expertise and will be the MEP/FP and Civil engineer of record, as well as the Corrections Security Consultant. Depending on the specific project or mix of projects selected for contract, **CGL** will work with **Dewberry** to determine the appropriate staff to handle project needs. Rounding out the team of consultants we have an experienced team of talented local firms, including **Lim Associates** Structural Engineers (M/WBE), **Earth Design** Landscape Architecture (WBE), **Ellana** Cost Estimator (WBE), **CDW** Hazardous Materials Consultant (WBE), **Kalin Associates** Specifications Consultant, and **Pracademic Solutions** Code Consultant.

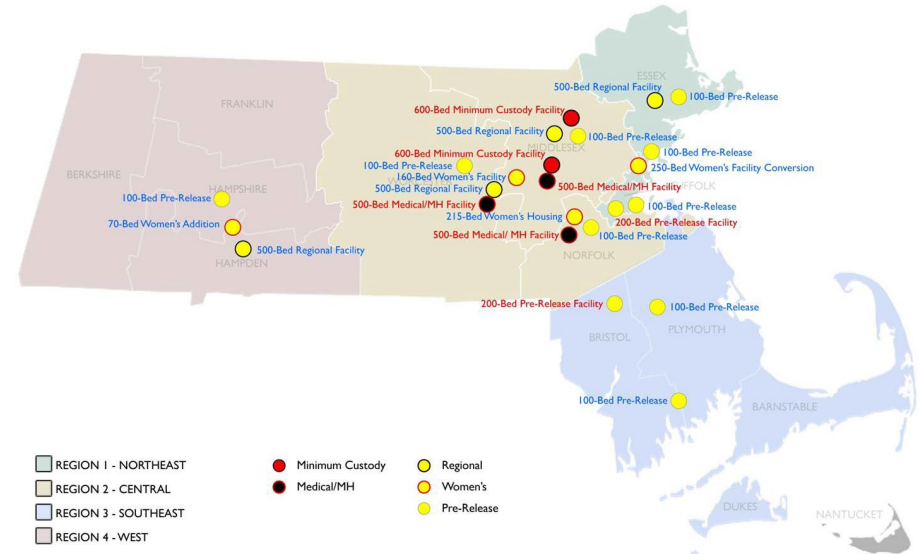
Project Approach

The first step on any House Doctor project is to **identify the problem** that needs to be solved and **assign** the right team members to the task. The available team needs to have a wide range of experience from planning through implementation and needs a deep bench of experienced staff to assign the right personnel to complete the work within the limitations of the project and the budget. CGL has a wide range of experience from planning through design and construction, and brings the right mix of curiosity, compassion for the work and knowledge of current best practices in criminal justice facility planning and design. With close to 40 planners and architects devoted to justice facility planning design and construction CGL has a deep reservoir of experience and precedent to draw from. Dewberry provides engineering and additional design staff with similar experiences detention and correctional facilities. We have the right personnel to provide any level services to DCAMM and the DOC and County Sheriff's.

Developing a work plan for the selected project requires an understanding of all the steps that need to take place and laying out a clear and concise schedule of activities. Site investigations need to be scheduled well in advance on occupied campuses, and staff need to be notified so extra precautions can be taken.

Gathering all the available information and creating a baseline existing conditions drawing is critical as well because it will identify all the components that may need to be touched in any renovation or remediation project needed. This baseline plan needs to show the entire campus and all security zones and points of entry and exit of the facility, regardless of how small the renovation is, because it will be the basis for development of phasing and construction activities plan.

Programming and **design** as in any project require a collaborative environment where all stakeholders are involved in a series of workshops to arrive at a workable preferred solution. CGL prides itself on its inclusive approach and listening to every voice, from the community to the Sheriff, the Transport and Custody Officer, all the way down to the maintenance personnel.



5. Supplemental Response to Evaluation Criteria (6 pages max)

Budget development and tracking is a critical part of all phases of the process. From the beginning idea of a project to the working solution, frequent budget checks notify DCAMM when to pump the brakes and reconsider elements of the solution.

Understanding the **delivery method** (design build, cm at risk or chapter 149 public bid) will help determine when to get trade contractors involved to help identify constructability issues and critical points of access to the project site. Contractors need lay down space for materials and equipment. There may be enabling projects like temporary fence construction or additional security features that should be designed and estimated upfront to avoid any unforeseen costs during construction.

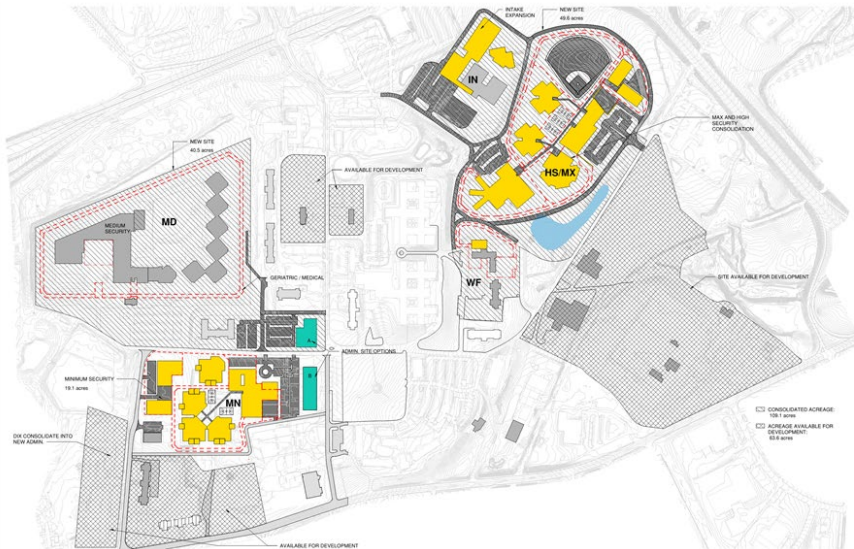
Phasing is one of the most critical components of any detention and correctional renovation project. The Phasing plan will identify temporary enabling projects, identify all parts of the facility that are touched or affected by construction, allow for accurate estimation of the time to complete the work, and create a roadmap for DOC and Sheriff operational adjustments required to accommodate construction, transition and activation of the new components of the facility.

Design Approach- Evidence-based therapeutic design

Harsh environments promote harsh behavior, by staff and occupants. On the other hand, benign environments promote uplifting and productive behavior. We have learned that **environment cues behavior**. Our goal is to design spaces that provides plenty of sunlight, views to the outside, noise control, cooling in the summer and heating in the winter. These physical attributes create serenity and safety, both for residents and for staff.

Our design philosophy views buildings as therapeutic tools, promoting a keen sense of place and of time, open to the changing hours and the shifting sunlight, connected to the world but separate and safe. We embrace the **Direct supervision** model. Research has proven the benefits of sunlight in the school, the marketplace, the hospital, and the factory and the literature are replete with references and evidence of the salutary effects of “**biophilic**” design, that is, a design that makes a connection from the interior realm to the exterior world of light, vista, and greenery. There are a variety of ways to achieve this in detention and correctional environments, from large expanses of glazing into the association space and program areas, higher quality daylight with views to nature in the sleeping rooms and murals of natural landscapes in gathering spaces. Careful selection of materials and furnishings that promote comfort and warmth but are durable and easy to maintain. Color selection is critical in creating indoor environments that promote wellbeing. Acoustic treatments can make the space seem calmer and reduce resident and staff stress.

Team Specific Project Experience



Rhode Island DOC Master Plan, RI

This team of CGL and Dewberry (led by Brad Sassatelli and Ryan Critchfield) recently completed the Rhode Island DOC masterplan that looked at 40 of buildings on a over 100-acre campus to develop strategic repair and replacement strategy to meet the 25 year needs of the state. Some of the recommendations included Replacement of the High Security Facility to create a safer and more staff efficient operations, new Geriatric and Medical Housing units for an aging population, and a long-term phased replacement of the Intake facility constructed in the 1970's and over 140-year-old Maximum Security Facility. The plan involved existing conditions analysis of all 40 existing buildings, recommended phasing for renovation and new construction projects, and a timeline of spending over the duration of phased plan. Ellana helped create a financial model that mapped out the spending over the 25-year timeframe. This project looked at staffing and operational costs of facilities currently and post renovation/replacement as a cost basis for supporting future investment. This included utility costs and implementation of energy efficiency upgrades, as well as comparisons of stand-alone utilities versus campus wide cogeneration.

5. Supplemental Response to Evaluation Criteria (6 pages max)

Pinellas County Jail, FL

For the Pinellas County Jail in Florida, CGL was the Architect of Record (Ryan Critchfield Project Manager) for a \$48 Million Infrastructure Building and \$14 million campus wide utility and security electronics upgrade for this 3,000-bed jail campus. Dewberry was the criteria architect who developed the master plan and program and design criteria for the project before handing it off to CGL to complete. This project completed in 2019 was a mix of new construction and targeted renovations within an occupied detention and correctional campus and was one of the largest campus wide security electronics upgrade projects in the eastern United States at the time. The infrastructure building houses new Food Service, Laundry, and Programming space to serve the entire campus, and the new Central Security Control Room for the entire campus security operations. It also houses the campus-wide chilled water cogeneration plant that serves all 8 buildings on campus. The project has many energy efficiency and resiliency features, including above code envelope insulation, all essential campus services like food service and chilled water plant and central control are above the category 5 storm surge and the 500-year flood plain (second floor of facility), we used insulated security window and frame and glazing at perimeter along with insulated precast wall panels that form the interior and exterior finish surface. The energy saving features include a Cogeneration plant that uses gas fired generators to run electric chillers and the waste heat from the generator to run an absorption chiller. The project involved phasing of construction to avoid disruption to existing operations, demolition within existing campus, and temporary enabling projects to secure perimeter to maintain security. This project is a part of Dewberry's masterplan to add capacity to the facility and replace aging housing buildings with a new bed tower in the next phase of the project.



Massachusetts Court and DOC Capital Plan, MA

CGL recently completed the 2017 MA Courts Capital Plan (Ryan Critchfield Project Manager). This study looked at the existing conditions of all 100 courthouse facilities in the state of Massachusetts and developed a prioritized list of capital improvements and new facility construction to modernize court facilities throughout the commonwealth. This \$3.1 Billion masterplan is currently being implemented with the planned design and construction of Quincy Regional Justice Center, Brockton Superior Court Replacement, Lynn District Court Renovation, and Framingham Regional Justice Center. CGL's team (Ryan Critchfield and Silvia Chang, and Brett Firfer) is involved in 3 of the first 4 major capital projects from the capital plan in planning and design capacity.

CGL was also the corrections planning consultant for the 2011 MA DOC Capital Plan. This study looked at the needs of the entire detention and correctional system in the state. The Corrections Master Plan includes projections of bedspace needs; considers upgrades to increase capacity within existing facilities in order to reduce the need for new bedspaces; identifies barriers to a more efficient system; proposes regional and multi-jurisdictional facilities to add flexibility and address needs more cost-effectively; recommends shared resources and centralization of some support services; estimates the capital implications of the plan; and prioritizes components to be funded in the initial capital plan. Moving forward, urgency is required to consider new directions that emphasize a more cost-effective correctional system

5. Supplemental Response to Evaluation Criteria (6 pages max)

Cheltenham Juvenile Detention Center, MD

In the Cheltenham Juvenile Detention Center in Maryland, CGL (Ryan Critchfield as project manager), in Joint Venture with a local education architect completed a \$48 million facility with secure detention housing, visitation, intake, food service and educational wing. CGL was involved from planning through construction and coordinated design and construction administration of all secure detention components of the project. This project achieved LEED silver certification in September of 2017.



St. Mary's County Jail, MD

In St. Mary's County Jail in Maryland, CGL (Ryan Critchfield project manager) recently completed a part 1 and part 2 study and design for the expansion of an existing jail facility to add a new women's wing and medical housing, along with a facility wide security technology upgrade. This \$24 Million project involved planning and design for an occupied facility, and integration and upgrade of existing building security systems. In Maryland a Part 1 and Part 2 study equates to the MA Certifiable Building Study and was essentially a set of criteria and a proven design strategy and approach along with cost estimate and building systems narratives. This project recently completed construction with little change to CGL design as part of a separate design build contract.



5. Supplemental Response to Evaluation Criteria (6 pages max)

State Correctional Institutions Phoenix, PA

Dewberry provided design, documentation and construction observation for major portions of this new correctional complex in association with a design/build team. This fast-track delivery project was led by a Walsh/Heery Joint Venture, with Heery International Inc., Dewberry, and Astorino serving as architects. Dewberry provided architecture, structural and MEP engineering for 12 new housing units showcasing two housing types new to Pennsylvania, all within the secure perimeter, and a 192-bed female transitional housing unit outside the secure perimeter. The entire facility houses up to 3,678 detainees. Dewberry also provided electronic security and detention equipment design for the entire complex, including site gates and perimeter security.

The overall campus is designed as a series of buildings and includes administration, security, health services, dietary, maintenance shops, correctional industries, chapel/treatment, learning resources, inmate activities, guard stations, and housing units that are divided into two separate zones on either side of the support functions. As primary designers of the security systems, Dewberry was involved in every square foot of the campus design - over 1 million square feet of space. The complex was designed to meet the requirements of the LEED rating system.



Financial Stability

Services are provided under the legal entity of CGL Companies, LLC, a corporation established in 2016 under the laws of the State of Delaware. The firm has been in continuing business for over 45 years. The company is profitable, fully insured, maintains cash reserves, has no debt, and has an open line of credit available if needed. In addition to our entity's financial strength, the company is a fully owned subsidiary of Hunt Companies of El Paso, Texas who have exemplary financial credentials. CGL always promptly pays all subconsultant fees.

Current Workload with DCAMM

The CGL Team is currently working with DCAMM on the Quincy and Brockton Courthouses.

Geographic Location

Team members are in various locations across the northeast. Many of our team partners, including Dewberry, Lim, Earthdesign, Kalin, Pracademic, and CDW, have locations in Massachusetts.

Participation of MBE and WBE Firms

Our team includes participation of the following MBE and WBE firms: Lim Consultants, structural engineer, WBE/MBE; Earthdesign, Landscape Architect, WBE, Ellana, Cost Estimator, WBE, and CDW, Hazardous Materials Consultant, WBE.