

Academy of Architecture for Justice

 Knowledge Community

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ACADEMY OF ARCHITECTURE FOR JUSTICE

Justice Facilities Review 2020

JFR20: Justice Facilities Review

AIA Knowledge Community

Academy of Architecture for Justice

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The American Institute of Architects

1735 New York Avenue, NW

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2020 Academy of Architecture for Justice Leadership Group

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Gould Evans, P.A.

Phoenix, Arizona

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Toronto, Canada

2020 chair

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Pendulum Architecture

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Jury members

JURY CHAIR

Kate Diamond, FAIA (chair), HDR,
Los Angeles, CA

JURY

Melissa Farling, FAIA, Gould Evans,
Phoenix, Arizona

Jeff Goodale, AIA, HOK, Chicago, Illinois

Matthew Kreilich, AIA, Snow Kreilich
Architects, Minneapolis, Minnesota

William Moore, Canadian Association of
Chiefs of Police, Ontario, Canada

Marcus W. Reinkensmeyer, Administrative
Office of the Courts, Supreme Court of
Arizona, Phoenix, Arizona

Maj. Chad Thompson, Franklin County
Sheriff, Columbus, Ohio

THE VIEW FROM THE CHAIR

What a year this has been—COVID19, George Floyd's killing and the Black Lives Matter movement, a massively deep and unevenly distributed recession, the on-going threats of climate change, and tragically divisive elections. Looking back to write this introduction, it is almost hard to remember how we felt in spring of 2020. The Justice Facility Review Jury was scheduled to be held in March 2020 and was one of the first AIA juries forced to pivot from the in-person sessions in Washington, DC that we were all looking forward to, to a virtual format. Thanks to the excellent support of our AIA staff, this very early virtual Jury experience—long before we all were proficient in the tools and protocols of screen sharing—was a great success.

We had a wonderful jury; Melissa Farling, FAIA, Gould Evans, Phoenix, AZ; Jeff Goodale, AIA, HOK, Chicago, IL; Matthew Kreilich, FAIA, Snow Kreilich Architects, Minneapolis, MN; Brooke M. Martin, AIA, Dewberry Architects, Inc., Peoria, IL; William (Bill) Moore, Canadian Association of Chiefs of Police, Ontario, Canada; Major Chad Thompson, Franklin County Sheriff, Columbus, OH; and Marcus W. Reinkensmeyer, Court Services Division, Administrative Office of the Courts Arizona, Phoenix, AZ. Freed

from the burden of travel, each of the jury members invested their time to independently review all of the entries prior to our virtual jury session. They brought unique insights built on rich professional careers either as clients or as justice architects and a diversity of regional perspectives to our collective deliberations. Thanks to their openness to listen to everyone's perspectives, our jury deliberations were thorough, fair, surprisingly efficient and, very importantly, fun. I want to thank the jury for an engaging and insightful conversation about the architecture of justice and its impacts on the lives of the people who use these facilities.

The selection of projects recognized in the AAJ Review demonstrates that the architecture profession is working with forward thinking clients to explore design solutions that address the challenges of our times. While the call for projects did not specifically reference the AIA's new Framework for Design Excellence, all of the projects that the jury chose to recognize elevate the commitment to sustainability both in the traditional environmental performance sense and the emphasis on social equity in the AAJ's Sustainable Justice Guidelines (Note—look for updated

Sustainable Justice Guidelines to be issued soon). Beauty is achieved not through stylistic moves but through the intentional introduction of daylight and thoughtful detailing of regionally appropriate materials. These projects serve correctional, public safety and judicial facilities located in urban and rural communities around the globe. They show how architecture can communicate respect for users while contributing to the health of often traumatized and stressed occupants, residents, staff, visitors and their greater community. These recognition worthy projects are not perfect—rather they are important next steps forward.

The quality of this work sends me back to my own practice reinvigorated, with new insights as to how to support our clients as they strive to deliver a more equitable continuum of care and justice. Rather than walking away from the challenges of designing architecture for justice, I hope they will inspire you and all readers of the AAJ 2020 Review to continue to go out and make "good trouble" to move us towards a better future. Thank you.

Kate Diamond, FAIA
Civic Design Director, HDR
Jury chair, 2020 Justice Facility Review

Ontario Court of Justice Toronto

10 Amoury Street, Toronto Ontario

Project delivery type Public-private partnership	Site area 1.63 acres
Type of facility Courts	Building area GSF new 651,772
Type of construction New	Building area GSF total 651,772
Contract value \$956.4 million CDN	Building area GSF renovated 0
Completion status Under construction	Building area NAA new 347,943
Year of completion 2022	Building area NAA renovated 0
Funding General funds	





JURY STATEMENT

“I feel like the atrium helped with the anxiety that people feel walking into a courthouse,” said a jury member. “You don’t go to court most of the time for good reasons and so it is a place that is anxiety inducing. Looking at the picture of the atrium, this is a stress-reducing environment.”

OWNER’S STATEMENT

The new courthouse will bring together many of Toronto’s Ontario Court of Justice criminal courts operating across the city. Amalgamating several courts into one state-of-the-art facility will make operations more efficient and effective, provide for equal access to services, and ensure the province’s real estate portfolio is sustainable, accessible, and efficient.



Client
Infrastructure Ontario, Ministry of Attorney General

Architect
NORR Architects and Engineers, Renzo Piano Building Workshop

Structural Engineer
Stephenson Engineering Ltd.

Mechanical Engineer
The Hidi Group

Electrical and Security Consultant
Mulvey & Banani International Inc.

Landscape Architect
Vertechs Design

Indigenous Consultant
Two Row Architect

Heritage Consultant
The Ventin Group (+VG Architects)

Civil Engineer
WalterFedy

A.V. Consultant
Sight n Sound Design Inc.

Façade Consultant
Knippers Helbig

Blast and Threat Risk Consultant
Thorton Tomasetti

Energy & Sustainability Consultant
Morrison Hershfield Limited

Building Envelope Consultant
Brook van Dalen & Assoc Ltd

Acoustics
Valcoustics

Wayfinding
Frontier



Polk County Criminal Courts

111 Court Avenue, Des Moines, Iowa

Project delivery type Design-bid-build	Acres 1.16
Type of facility Courts	Building area GSF new 98,700
Type of construction Renovation	Building area GSF total 115,515
Total construction cost \$36,862,410	Building area GSF renovated 16,815
Completion status Yes	Building area NAA new 71,222
Year of completion 2019	Building area NAA renovated 8,197
Funding Public bond issue	Building area NAA total 79,419
Site area 50,530 SF (1.16acres)	





JURY STATEMENT

“The idea of reusing the structural component of the existing jail is a huge sustainability positive that not only saves cost, but also reduces the carbon footprint of this building in an amazing way,” noted one member of the jury.

OWNER’S STATEMENT

The concept of partially demolishing the former jail and repurposing the lower level and first two floors to construct a new courthouse was a reach for many. With a great design team in OPN Architects, not only was the project a major success from a functionality standpoint, it exceeded all expectations aesthetically. The end product provides citizens a courts facility with a timeless design inside and out. The exterior is a work of art; the interior exudes judicial presence. The attention given to technology, security, and energy efficiency will allow this facility to grow with our needs for many decades.



Client
Polk County

Architect
OPN Architects

Engineer - Civil
Snyder and Associates

Engineer - Structural
Shuck Britson

Engineer - MEP
Alvine and Associates

General Contractor
Neumann Brothers



Sweetwater County Justice Center

50140 U.S. Highway 191, Rock Springs, Wyoming

Project delivery type Design-bid-build	Site area 30 acres
Type of facility Multiuse	Acres 30
Type of construction New	Building area GSF new 55,475
Total construction cost \$17,114,000	Building area GSF total 109,948
Completion status Yes	Building area GSF renovated 0
Year of completion 2018	
Funding Other	

SWEETWATER COUNTY CIRCUIT COURTS





JURY STATEMENT

“This was one of the better of the projects to capture the look and feel of the community,” noted one member of the jury. “It looks like it fits in Wyoming. It captured Wyoming.”

OWNER’S STATEMENT

This new center has exceeded all Sweetwater County’s objectives to improve operational efficiency, elevate the user experience, and enhance the safety of inmates, court staff, and the public.

The public response has been overwhelmingly positive to the increased convenience and accessibility achieved by centralizing the area’s public safety and judicial services to one location within Sweetwater County’s expanse. The community is proud of the complex’s unique architectural expression, which uses locally sourced beetle-kill pine throughout the public spaces and board-formed concrete evocative of the dramatic mesas of southwest Wyoming and the alluvial soils of the prehistoric Green River formation.



Client
Sweetwater County

Architect
EDA

Engineer - Civil
Ensign Engineering

Engineer - Mechanical/Plumbing
VBFA

Engineer - Electrical/Security/Audio-
Visual/Acoustics
BNA

Engineer - Structural
Dunn Associates

Landscape Architect
Arcsitio

General Contractor
Groathouse Construction Inc.



Madison Fire Department Station 14

Fire Station #14, 3201 Dairy Drive, Madison, Wisconsin

Project delivery type Design-bid-build	Site area 479,000 sf (11 acres)
Type of facility Other	Acres 11
Type of construction New	Building area GSF new 21,758
Total construction cost \$6,251,521 (Costs included the development of an 11-acre site and building for a master planned fire training campus.)	Building area GSF total 21,758
Completion status Yes	Building area GSF renovated 0
Year of completion 2018	Building area NAA new 18,893
Funding General funds	Building area NAA renovated 0
	Building area NAA total 18,893



JURY STATEMENT

“This project shows the owner and end users had a lot of input, and the design team definitely listened to them,” said one member of the jury. “All of the various elements focused on trying to head off or address PTSD, as well as other inherent hazards of being a fireman, are just phenomenal. I thought this was really well done.”

OWNER STATEMENT

The City of Madison Fire Department (MFD) hired OPN for the design of a new fire station. OPN was very committed and dedicated to bringing this project to fruition. They did a great job of getting the MFD priorities into the building’s design. They worked with us to maintain our budget along with staying within our design and construction timeline. All OPN team members were very responsive to our requests and needs. The team is very easy to talk to and work with.



Client
City of Madison, Wisconsin

Architect
OPN Architects

Consultant - Commissioning and Energy Modeling
McKinstry

Engineer - Civil
Snyder & Associates

Engineer - MEP
IMEG

Engineer - Structural
IMEG

General Contractor
Miron Construction Co., Inc.

Landscape Architect
OPN Architects



Englewood Police Headquarters

1000 Englewood Parkway, Englewood, Colorado

Project delivery type
Construction management—at risk

Type of facility
Law enforcement

Type of construction
New

Total construction cost
\$22,896,234

Completion status
Yes

Year of completion
2019

Funding
Public bond issue

Site area
**Phase 1 site
0.75 acres**

Phase 2 site
(after building demo)
1.68 acres

Acres
2.43

Building area | GSF new
52,600

Building area | GSF total
52,600

Building area | GSF
renovated
0

Building area | NAA total
52,600 gsf



JURY STATEMENT

“A pretty restrained material palette overall, both inside and outside, but there’s a lot of these special moments bringing wood in,” said one juror. “Really thoughtful and well done. A judicious use of materials here in a really thoughtful way.”

OWNER STATEMENT

Not available



Client
City of Englewood, Colorado

Architect
DLR Group

Engineer - Civil
Martin/Martin Consulting Engineers

Engineer - MEP
DLR Group

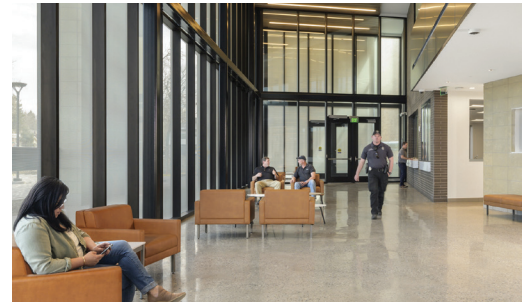
Engineer - Structural
DLR Group

General Contractor
Adolfson & Peterson Construction

Landscape Architect
Logan Simpson Design, Inc.

Photographer
Brad Nicol Photography

Owner's Representative
CBRE



Dillwynia Correctional Centre Female Maximum Security Expansion

2 The Northern Rd, Berkshire Park, Sydney, Australia

Project delivery type

Design-build

Type of facility

Correction/Detention

Type of construction

Addition

Total construction cost

Not disclosed

Completion status

Complete

Year of completion

2020

Funding

General funds

Acres

2.7ha

Building area | GSF new

11,554 m²

Building area | GSF total

11,554 m² or 124,366 sf

Building area | GSF

renovated

0



JURY STATEMENT

“This project is working to incorporate many of the emerging practices for rehabilitation and re-entry,” wrote a member of the jury. “Blessed with space, this project’s campus style and softer feel to the building exteriors goes a long way towards creating a more normative environment.”

OWNER STATEMENT

The prison provides maximum, medium and minimum-security beds allowing women to remain in the same facility for their entire sentence.

CSNSW Commissioner Peter Severin says, “stability helps inmates focus on education, work and complete rehabilitation programs to prepare for a successful life outside of prison and reduce their chances of reoffending.”

The 248-bed expansion was created using the concept of ‘trauma-informed’ design principles to support the wellbeing and rehabilitation of women.



Client
Corrective Services NSW

Architect
NBRSARCHITECTURE

Landscape
NBRSARCHITECTURE

Security
Security Consulting Group

Structural & Civil
Northrop



Broward County Courthouse

201 SE 6th Street Ft. Lauderdale, FL 33301

Project delivery type
Design-bid-build

Type of facility
Courts

Type of construction
New

Total construction cost
\$ 211,580,271

Completion status
Yes

Year of completion
2017

Funding
Other

Site area
1.55 acres

Building area | GSF new
733,183

Building area | NAA new
682,021



JURY STATEMENT

“The sleek and modern courtrooms reinforce appropriate levels of dignity and reverence,” said a jury member. “Using so many different biophilic elements in the middle atrium encourages positivity and aids in soothing the normal nervousness many people experience when they are justice involved.”

OWNER STATEMENT

The construction of the 20 story tower in downtown Ft. Lauderdale represents a significant landmark in the City of Ft. Lauderdale and for Broward County. The courthouse provides a safe and efficient facility and will serve our citizens for generations. The AECOM team did an outstanding job responding to both the County and Court’s specific needs and were very professional from design through construction to ensure the County’s goals for the project were met. We are very proud of our new facility.



Client
**Broward County, Board of
 County Commission**

Architect
AECOM Joint Venture Manager,
**Heery International and Cartaya
 and Associates** Joint Venture
 Partners

AV, Acoustics
Marsh | PMK International

Engineer - Civil
Craven and Thompson

Engineer - MEP
AECOM, Heery International

Engineer - Plumbing and Fire
 Protection
Hammond and Associates

Engineer - Structural
AECOM

Envelope Consultant
CMC

Interior Designer
AECOM

Landscape Architect
Curtiss and Rogers

LEED Manager
Heery International

IT Engineering
Heery International



Owners Rep
Weitz

Programming
Carter Goble Lee

Urban planning (master plan phase only)
EDSA



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**NORR Architects and
Engineers, Renzo Piano
Building Workshop**
Ontario Court of
Justice Toronto

OPN Architects
Polk County
Criminal Courts

EDA
Sweetwater County
Justice Center

OPN Architects
Madison Fire
Department Station 14

DLR Group
Englewood Police
Headquarters

NBRSARCHITECTURE
Dillwynia Correctional
Centre Female Maximum
Security Expansion

**AECOM Joint Venture
Manager, Heery
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Broward County Courthouse