H 2 M architects + engineers

QUALIFICATIONS TO

Perform As-Needed Architectural / Engineering Services

Qualifications to

Perform As-Needed Architectural/Engineering Services

05.13.2025

Contact

Joseph A. Manzella, P.E., LEED AP
Senior Vice President,
Public Agency Market Director

H2M Architects & Engineers, Inc.
119 Cherry Hill Road, Suite 110
Parsippany, NJ 07054

862.207.5900 ext.1142

973.334.0507

jmanzella@h2m.com

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architects + engineers
119 Cherry Hill Road, Ste 110
Parsippany, NJ 07054 | tel 862.207.5900

ARCHITECTURE NJ #21AC00040200
ENGINEERING NJ #24GA2802550

May 13, 2025

Housing Authority of the City of Bayonne
Attn: RFQ Submission www.bayonneha.org/rfq
John T. Mahon, Executive Director
549 Avenue A
Bayonne, NJ 07002

RE: Qualifications to Perform As-Needed Architectural/Engineering Services

Dear Mr. Mahon:

H2M Architects & Engineers, Inc. (H2M) is pleased to submit our qualifications to provide as-needed professional architectural and engineering services to the Bayonne Housing Authority (BHA). With significant experience providing multidisciplinary architectural and engineering design services for housing authority clients, we will leverage our expertise to design and support the construction of new housing or repair and renovate existing facilities for the largest housing authority in the State of New Jersey. In addition to having significant experience with the New York City Housing Authority (NYCHA), H2M has provided similar A/E services to housing authorities of surrounding municipalities, including Newark Housing Authority, Irvington Housing Authority, and the Housing Authority of Bergen County.

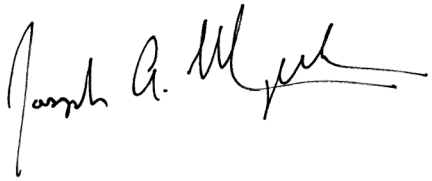
We understand the importance of mobilizing quickly for assignments and having the resources available to execute projects on schedule and within budget. I will lead our team as Principal in Charge and make sure that all of BHA's needs are being fulfilled in a timely, cost-effective, and high-quality manner. Mr. Christopher A. Coke will serve as the Client Contact. Mr. Coke's previous positions as Director of Public Works and Engineering and Executive Director to the Board of Water Commissioners for a local New Jersey municipality give him valuable experience and insight into the needs of stakeholders.

BHA will have access to the resources of more than 580 in-house engineers, architects, and support professionals through our Parsippany office. The H2M team has the depth and breadth of in-house staff with all the required expertise to provide architectural and engineering services.

BHA can expect our dedicated team of professionals to provide high-quality services and sound, practical solutions in a well-coordinated and timely manner. We look forward to the opportunity to continue our working relationship with BHA. If you have any questions regarding our submission, or require additional information, please feel free to contact Mr. Coke at (862) 207-5900 ext. 2272 or via email at ccoke@h2m.com. Thank you for your consideration.

Very truly yours,

H2M Architects & Engineers, Inc.



Joseph A. Manzella, P.E., LEED AP
Senior Vice President, Public Agency Market Director

Christopher A. Coke
Practice Leader

TAB 1

FORM OF PROPOSAL
(Attachment A)

(This Form must be fully completed and placed in proposal submittal.)

Instructions: Unless otherwise specifically required, the items listed below must be completed and included in the proposal submittal. Please complete this form by marking an "X," where provided, to verify that the referenced completed form or information has been included within the "hard copy" proposal submittal submitted by the proposer. Also, complete the Section 3 Statement and the Proposer's Statement as noted below:

X=ITEM INCLUDED	SUBMITTAL ITEMS *(Three copies of each proposal, including one with original signatures)*
X	Form of Proposal (Attachment A)
X	Form HUD-5369-C
X	Profile of Firm Form (Attachment C)
X	Proposed Services (including SF330)
X	Managerial Capacity/Financial Viability
X	Client Information
X	Equal Employment Opportunity Statement;
NA	Subcontractor/Joint Venture Information (Optional)
X	Section 3 Business Preference Documentation
X	Other Information (Optional)

SECTION 3 STATEMENT

Are you claiming a Section 3 business preference? YES___ or NO X___. If "YES," pursuant to the Section 3 portion within the Conditions and Specifications, and pursuant to the documentation justifying such submitted, which priority are you claiming? _____.

PROPOSER'S STATEMENT

The undersigned proposer hereby states that by completing and submitting this Form and all other documents within this proposal submittal, he/she is verifying that all information provided herein is, to the best of his/her knowledge, true and accurate, and that if the HA discovers that any information entered herein to be false, that shall entitle the HA to not consider or make award or to cancel any award with the undersigned party. Further, by completing and submitting the proposal submittal, and by entering and submitting the costs where provided, the undersigned proposer is thereby agreeing to abide by all terms and conditions pertaining to this RFQ as issued by the HA in hard copy, including executing the contract. Pursuant to all RFQ Documents, this Form of Proposal, and all attachments, and pursuant to all completed Documents submitted, including these forms and all attachments, the undersigned proposes to supply the HA with the services described herein to this RFQ.

Signature	Date	Printed Name	Company
Joseph A. Manzella	May 12, 2025	Joseph A. Manzella, P.E., LEED AP	H2M Architects & Engineers, Inc.

Certifications and Representations of Offerors
Non-Construction Contract

U.S. Department of Housing and Urban Development
Office of Public and Indian Housing

OMB Approval No: 2577-0180 (exp. 7/30/96)

This form includes clauses required by OMB's common rule on bidding/offering procedures, implemented by HUD in 24 CFR 85.36, and those requirements set forth in Executive Order 11625 for small, minority, women-owned businesses, and certifications for independent price determination, and conflict of interest. The form is required for nonconstruction contracts awarded by Housing Agencies (HAs). The form is used by bidders/offerors to certify to the HA's Contracting Officer for contract compliance. If the form were not used, HAs would be unable to enforce their contracts. Responses to the collection of information are required to obtain a benefit or to retain a benefit. The information requested does not lend itself to confidentiality.

1. Contingent Fee Representation and Agreement

(a) The bidder/offeror represents and certifies as part of its bid/ offer that, except for full-time bona fide employees working solely for the bidder/offeror, the bidder/offeror:

(1) [ ] has, [☑] has not employed or retained any person or company to solicit or obtain this contract; and

(2) [ ] has, [☑] has not paid or agreed to pay to any person or company employed or retained to solicit or obtain this contract any commission, percentage, brokerage, or other fee contingent upon or resulting from the award of this contract.

(b) If the answer to either (a)(1) or (a) (2) above is affirmative, the bidder/offeror shall make an immediate and full written disclosure to the PHA Contracting Officer.

(c) Any misrepresentation by the bidder/offeror shall give the PHA the right to (1) terminate the resultant contract; (2) at its discretion, to deduct from contract payments the amount of any commission, percentage, brokerage, or other contingent fee; or (3) take other remedy pursuant to the contract.

2. Small, Minority, Women-Owned Business Concern Representation

The bidder/offeror represents and certifies as part of its bid/ offer that it:

(a) [ ] is, [☑] is not a small business concern. "Small business concern," as used in this provision, means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding, and qualified as a small business under the criteria and size standards in 13 CFR 121.

(b) [ ] is, [☑] is not a women-owned small business concern. "Women-owned," as used in this provision, means a small business that is at least 51 percent owned by a woman or women who are U.S. citizens and who also control and operate the business.

(c) [ ] is, [☑] is not a minority enterprise which, pursuant to Executive Order 11625, is defined as a business which is at least 51 percent owned by one or more minority group members or, in the case of a publicly owned business, at least 51 percent of its voting stock is owned by one or more minority group members, and whose management and daily operations are controlled by one or more such individuals.

For the purpose of this definition, minority group members are:

(Check the block applicable to you)

[ ] Black Americans	[ ] Asian Pacific Americans
[ ] Hispanic Americans	[ ] Asian Indian Americans
[ ] Native Americans	[ ] Hasidic Jewish Americans

3. Certificate of Independent Price Determination

(a) The bidder/offeror certifies that—

(1) The prices in this bid/offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other bidder/offeror or competitor relating to (i) those prices, (ii) the intention to submit a bid/offer, or (iii) the methods or factors used to calculate the prices offered;

(2) The prices in this bid/offer have not been and will not be knowingly disclosed by the bidder/offeror, directly or indirectly, to any other bidder/offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the bidder/ offeror to induce any other concern to submit or not to submit a bid/offer for the purpose of restricting competition.

(b) Each signature on the bid/offer is considered to be a certification by the signatory that the signatory:

(1) Is the person in the bidder/offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to subparagraphs (a)(l) through (a)(3) above; or

(2) (i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to subparagraphs (a)(l) through (a)(3) above (insert full name of person(s) in the bidder/offeror's organization responsible for determining the prices offered in this bid or proposal, and the title of his or her position in the bidder/offeror's organization);

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs (a)(l) through (a)(3) above; and

(iii) As an agent, has not personally participated, and will not participate in any action contrary to subparagraphs (a)(l) through (a)(3) above.

(c) If the bidder/offeror deletes or modifies subparagraph (a)2 above, the bidder/offeror must furnish with its bid/offer a signed statement setting forth in detail the circumstances of the disclosure.

4. Organizational Conflicts of Interest Certification

(a) The Contractor warrants that to the best of its knowledge and belief and except as otherwise disclosed, it does not have any organizational conflict of interest which is defined as a situation in which the nature of work under a proposed contract and a prospective contractor's organizational, financial, contractual or other interest are such that:

(i) Award of the contract may result in an unfair competitive advantage;

(ii) The Contractor's objectivity in performing the contract work may be impaired; or

(iii) That the Contractor has disclosed all relevant information and requested the HA to make a determination with respect to this Contract.

(b) The Contractor agrees that if after award he or she discovers an organizational conflict of interest with respect to this contract, he or she shall make an immediate and full disclosure in writing to the HA which shall include a description of the action which the Contractor has taken or intends to eliminate or neutralize the conflict. The HA may, however, terminate the Contract for the convenience of HA if it would be in the best interest of HA.

(c) In the event the Contractor was aware of an organizational conflict of interest before the award of this Contract and intentionally did not disclose the conflict to the HA, the HA may terminate the Contract for default.

(d) The Contractor shall require a disclosure or representation from subcontractors and consultants who may be in a position to influence the advice or assistance rendered to the HA and shall include any necessary provisions to eliminate or neutralize conflicts of interest in consultant agreements or subcontracts involving performance or work under this Contract.

5. Authorized Negotiators (RFPs only)

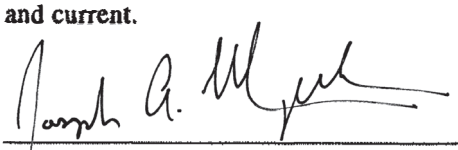
The offeror represents that the following persons are authorized to negotiate on its behalf with the PHA in connection with this request for proposals: (list names, titles, and telephone numbers of the authorized negotiators):

6. Conflict of Interest

In the absence of any actual or apparent conflict, the offeror, by submission of a proposal, hereby warrants that to the best of its knowledge and belief, no actual or apparent conflict of interest exists with regard to my possible performance of this procurement, as described in the clause in this solicitation titled "Organizational Conflict of Interest."

7. Offeror's Signature

The offeror hereby certifies that the information contained in these certifications and representations is accurate, complete, and current.



Signature & Date:

May 12, 2025

Typed or Printed Name:

Joseph A. Manzella, P.E., LEED AP

Title:

Senior Vice President

Contract Reservations

H2M reserves the right to negotiate reasonable insurance, liability, and claims provisions that are consistent with industry standards and the standard of professional care applicable by law.

TAB 2

PROFILE OF FIRM FORM
(Attachment C)

(This Form must be fully completed and placed proposal submittal.)

(1) Prime X Sub-contractor ____ (This form must be completed by and for each).

(2) Name of Firm: H2M Architects & Engineers, Inc. Telephone: 862-207-5900 Fax: 973-334-0507

(3) Street Address, City, State, Zip: 119 Cherry Hill Road, Suite 110, Parsippany, NJ 07054

(4) Please attached a brief biography/resume of the company, including the following information: (a) Year Firm Established; (b) Year Firm Established in [JURISDICTION]; (c) Former Name and Year Established (if applicable); (d) Name of Parent Company and Date Acquired (if applicable).

(5) Identify Principals/Partners in Firm (submit under Tab No. 5 a brief professional resume for each):

NAME	TITLE	% OF OWNERSHIP
Richard W. Humann, P.E.	CEO & President, Chairman	50%
Joseph M. Mottola, AIA	COO, EVP, & Secretary	20%
David J. Pacheco, AIA	Senior Vice President	20%
Charles A. Martello, P.E., LSRP	Executive Vice President	10%

(6) Identify the individual(s) that will act as project manager and any other supervisory personnel that will work on project; please submit under Tab No. 5 a brief resume for each. (Do not duplicate any resumes required above):

NAME	TITLE
Joseph A. Manzella, P.E., LEED AP	Principal-In-Charge
Christopher A. Coke	Client Contact
Joseph B. Lamagese, AIA (NY)	QA/QC

(7) Proposer Diversity Statement: You must circle all of the following that apply to the ownership of this firm and enter where provided the correct percentage (%) of ownership of each:

☑ Caucasian American (Male)	☐ Public-Held Corporation	☐ Government Agency	☐ Non-Profit Organization
100 %	_____ %	_____ %	_____ %

Resident- (RBE), Minority- (MBE), or Woman-Owned (WBE) Business Enterprise (Qualifies by virtue of 51% or more ownership and active management by one or more of the following:

☐Resident-Owned*	☐African American	☐**Native American	☐Hispanic American	☐Asian/Pacific American	☐Hasidic Jew	☐Asian/Indian American
_____ %	_____ %	_____ %	_____ %	_____ %	_____ %	_____ %

N/A

☐Woman-Owned (MBE)	☐Woman-Owned (Caucasian)	☐Disabled Veteran	☐Other (Specify):
_____ %	_____ %	_____ %	_____ %

N/A

WMBE Certification Number: _____

Certified by (Agency): _____

(NOTE: A CERTIFICATION/NUMBER NOT REQUIRED TO PROPOSE - ENTER IF AVAILABLE)

Signature	Date	Printed Name	Company
	May 12, 2025	Joseph A. Manzella, P.E., LEED AP	H2M Architects & Engineers, Inc.

PROFILE OF FIRM FORM
(Attachment C)

(This Form must be fully completed and placed proposal submittal.)

(8) Federal Tax ID No.: 20-0909570

(9) [APPROPRIATE JURISDICTION] Business License No.: 20100901143703285 (see attached NJ Bus Reg Cert)

Engneering: 24GA28025500

(10) State of NJ License Type and No.: Architecture: 21AC00040200 See attached NJ Licenses

(11) Worker's Compensation Insurance Carrier: Property & Casualty Ins Co of Hartford
Policy No.: 20WBGAT3285 Expiration Date: 1/1/2026

(12) General Liability Insurance Carrier: Hartford Underwriters Insurance Company
Policy No. 20UUGAU9233 Expiration Date: 1/1/2026

(13) Professional Liability Insurance Carrier: MSIG Specialty Insurance USA Inc.
Policy No. MSTAEC00032 Expiration Date: 1/1/2026

(14) Debarred Statement: Has this firm, or any principal(s) ever been debarred from providing any services by the Federal Government, any state government, the State of NJ, or any local government agency within or without the State of _____? Yes ☐ No ☑
If "Yes," please attach a full detailed explanation, including dates, circumstances and current status.

(15) Disclosure Statement: Does this firm or any principals thereof have any current, past personal or professional relationship with any Commissioner or Officer of the HA? Yes ☐ No ☑
If "Yes," please attach a full detailed explanation, including dates, circumstances and current status.

(16) Non-Collusive Affidavit: The undersigned party submitting this proposal hereby certifies that such proposal is genuine and not collusive and that said proposer entity has not colluded, conspired, connived or agreed, directly or indirectly, with any proposer or person, to put in a sham proposal or to refrain from proposing, and has not in any manner, directly or indirectly sought by agreement or collusion, or communication or conference, with any person, to fix the proposal price of affiant or of any other proposer, to fix overhead, profit or cost element of said proposal price, or that of any other proposer or to secure any advantage against the HA or any person interested in the proposed contract; and that all statements in said proposal are true.

(17) Verification Statement: The undersigned proposer hereby states that by completing and submitting this form he/she is verifying that all information provided herein is, to the best of his/her knowledge, true and accurate, and agrees that if the HA discovers that any information entered herein is false, that shall entitle the HA to not consider nor make award or to cancel any award with the undersigned party.

Signature	Date	Printed Name	Company
	May 12, 2025	Joseph A. Manzella, P.E., LEED AP	H2M Architects & Engineers, Inc.

STATE OF NEW JERSEY
BUSINESS REGISTRATION CERTIFICATE

Taxpayer Name:	H2M ARCHITECTS & ENGINEERS, INC.
Trade Name:	
Address:	119 CHERRY HILL RD STE 110 PARSIPPANY, NJ 07054-1123
Certificate Number:	1208276
Effective Date:	May 28, 2002
Date of Issuance:	January 21, 2025

For Office Use Only:

20250121172614247

Return

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE

Board of Prof. Engineers & Land Surveyors

HAS LICENSED

H2M ARCHITECTS & ENGINEERS, INC.
CHARLES ANTHONY MARTELLO
119 CHERRY HILL RD., STE. 110
Parsippany NJ 07054

FOR PRACTICE IN NEW JERSEY AS A(N): **Certificate of Authorization**

Engineering

08/08/2024 TO 08/31/2026
VALID

24GA28025500
LICENSE/REGISTRATION/CERTIFICATION #

Signature of Licensee/Registrant/Certificate Holder

ACTING DIRECTOR

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
BOARD OF ARCHITECTS

HAS CERTIFIED

H2M ARCHITECTS & ENGINEERS INC
JOSEPH MICHAEL MOTTOLA
119 CHERRY HILL ROAD SUITE 110
Parsippany NJ 07054

FOR PRACTICE IN NEW JERSEY AS A(N): Certificate of Authorization

01/17/2024 TO 01/31/2026
VALID

21AC00040200
LICENSE/REGISTRATION/CERTIFICATION #

Signature of Licensee/Registrant/Certificate Holder

Cari Bais
DIRECTOR

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
BOARD OF ARCHITECTS
HAS CERTIFIED
H2M ARCHITECTS & ENGINEERS INC
Certificate of Authorization
01/17/2024 TO 01/31/2026
VALID
SIGNATURE Cari Bais
DIRECTOR
21AC00040200
License/Registration/Certificate #

PLEASE DETACH HERE

IF YOUR LICENSE/REGISTRATION/ CERTIFICATE ID CARD IS LOST PLEASE NOTIFY:
BOARD OF ARCHITECTS
PO BOX 45001
NEWARK, NJ 07101

PLEASE DETACH HERE

H2M ARCHITECTS & ENGINEERS INC EXPIRATION DATE **2026**

YOUR LICENSE/REGISTRATION/CERTIFICATE NUMBER IS **21AC 00040200** . PLEASE USE IT IN ALL CORRESPONDENCE TO THE DIVISION OF CONSUMER AFFAIRS. USE THIS SECTION TO REPORT ADDRESS CHANGES. YOU ARE REQUIRED TO REPORT ANY ADDRESS CHANGES IMMEDIATELY TO THE ADDRESS NOTED BELOW.

BOARD OF ARCHITECTS
PO BOX 45001
NEWARK, NJ 07101

PRINT YOUR NEW **ADDRESS OF RECORD** BELOW.
YOUR ADDRESS OF RECORD IS THE ADDRESS THAT WILL PRINT ON YOUR LICENSE/REGISTRATION/CERTIFICATE AND IT MAY BE MADE AVAILABLE TO THE PUBLIC.

HOME ☐
BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

PRINT YOUR NEW **MAILING ADDRESS** BELOW.
YOUR MAILING ADDRESS IS THE ADDRESS THAT WILL BE USED BY THE DIVISION OF CONSUMER AFFAIRS TO SEND YOU ALL CORRESPONDENCE.

HOME ☐
BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

If the law governing your profession requires the current license/registration/certificate to be displayed, it should be within reasonable proximity of your original license/registration/certificate at your principal office or place of business.

Certification **3244**

CERTIFICATE OF EMPLOYEE INFORMATION REPORT **RENEWAL**

This is to certify that the contractor listed below has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et. seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of **15-May-2023** to **15-May-2026**

H2M ARCHITECTS AND ENGINEERS, INC
538 BROAD HOLLOW RD., 4TH FLR. EAST
MELVILLE NY 11747

ELIZABETH MAHER MUOIO
State Treasurer

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 12/31/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Rebecca Egan
Edgewood Partners Insurance Agency 3780 Mansell Rd. Suite 370 Alpharetta GA 30022	PHONE (A/C, No, Ext): 770-552-4225 FAX (A/C, No): E-MAIL ADDRESS: greylingcerts@greyling.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Hartford Underwriters Insurance Company	30104
INSURER B : Sentinel Insurance Company, Ltd.	11000
INSURER C : Hartford Casualty Insurance Company	29424
INSURER D : Property & Casualty Ins Co of Hartford	34690
INSURER E : MSIG Specialty Insurance USA Inc.	34886
INSURER F :	

INSURED H2MARCH
H2M Architects + Engineers
538 Broad Hollow Road, 4th Floor East
Melville, NY 11747

COVERAGES **CERTIFICATE NUMBER:** 754461931 **REVISION NUMBER:** 24-25

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X **COMMERCIAL GENERAL LIABILITY** CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY [X] PRO-JECT [X] LOC OTHER:			20UUGAU9233	1/1/2025	1/1/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG 	$ 1,000,000 $ 1,000,000 $ 10,000 $ 1,000,000 $ 2,000,000 $ 2,000,000 $
B	**AUTOMOBILE LIABILITY** X ANY AUTO OWNED AUTOS ONLY SCHEDULED AUTOS X HIRED AUTOS ONLY X NON-OWNED AUTOS ONLY			20UEGAU7896	1/1/2025	1/1/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) 	$ 1,000,000 $ $ $ $
C	X **UMBRELLA LIAB** X OCCUR **EXCESS LIAB** CLAIMS-MADE DED X RETENTION $ 10,000			20XHGYH2145	1/1/2025	1/1/2026	EACH OCCURRENCE AGGREGATE 	$ 5,000,000 $ 5,000,000 $
D	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N: N **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		20WBGAT3285	1/1/2025	1/1/2026	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000
E	Professional Liability			MSTAEC00032	1/1/2025	1/1/2026	Per Claim Aggregate	2,000,000 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

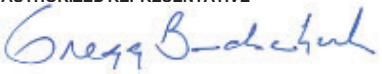
CERTIFICATE HOLDER

For Proposal Purposes only

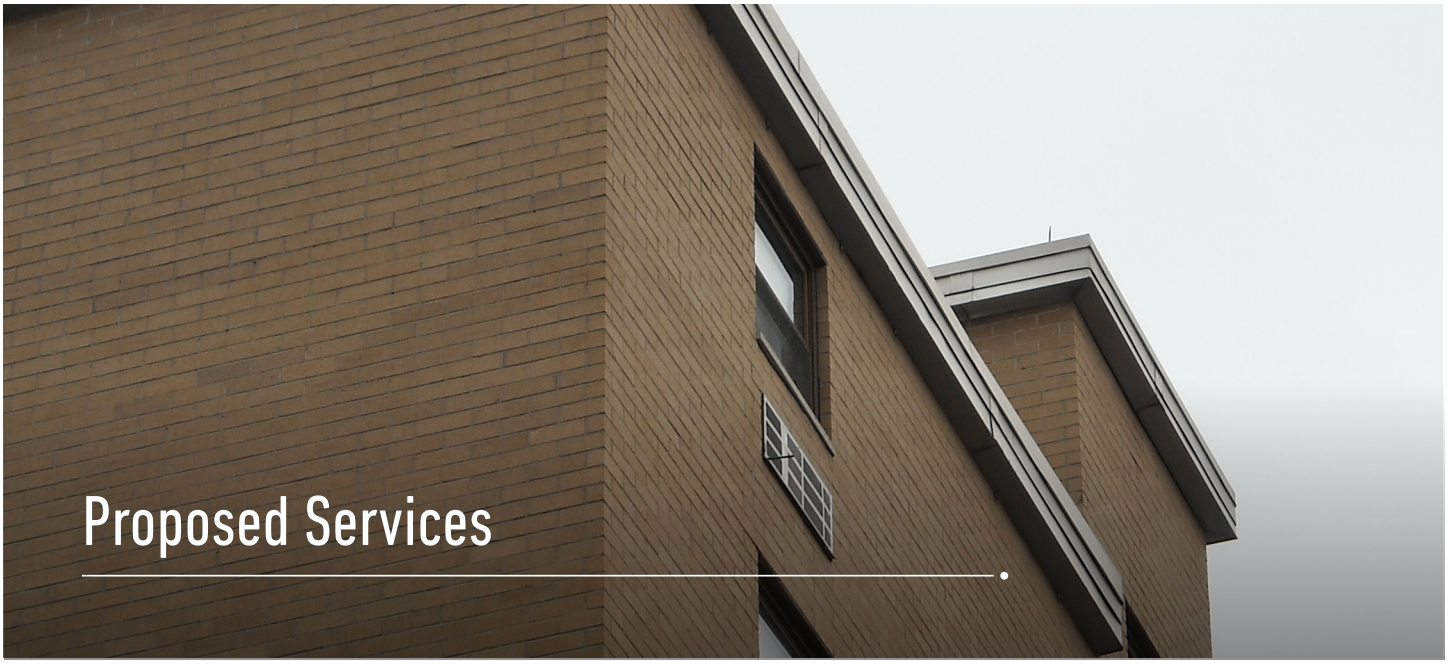
CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



TAB 3



Introduction / Why H2M?

H2M is pleased to have been given the opportunity to submit our qualifications for this significant contract, and feel we are perfectly suited to provide the services required to successfully execute this work for the following key reasons.

Proven Expertise: We have been in business for over 90 years and have the proven experience required to solve problems in an efficient and effective way without incurring unnecessary costs, risks, or delays in schedule. As demonstrated in this submission, H2M provides professional services to many city and state agency clients throughout New Jersey and New York.

Understanding of the Proposed Scope of Work: Through our decades of experience, our proposed team has designed many similar types of projects and offers a strong understanding of the unique challenges faced on the types of facilities associated with the Bayonne Housing Authority (BHA). We are well-versed in the importance of mobilizing quickly and having the resources available to execute projects on schedule and within budget. We also understand the importance of keeping existing facilities open and as available as possible during construction and how to phase projects to best achieve that goal.

Qualified Team: To help you achieve your goals, we provide a comprehensive in-house, multi-disciplinary team backed by a strong lineup of experts in architecture, structural, mechanical, electrical, plumbing, civil, fire protection, and construction-related services. This single provider approach offers our clients quick problem-solving, a seamless transition from the design phase into construction, and significantly lower risk of project cost and schedule overruns.

Value-Added Engineering Approach: While implementing value-added engineering principles, our design approach and methodology is under constant review by challenging the norm and asking searching questions. The strength of our team is vital to value-added engineering, including senior engineers with a wealth of experience, and newly qualified engineers offering fresh ideas. This combination helps guide our designs to the ultimate value-added solution – a project based on efficient, high quality and sustainable design which ensures competitive construction costs, shortened delivery schedules, managed capital investment, and improved operational performance, all while considering the entire life cycle cost of the systems we design.

For each assignment, H2M's role will be to clarify the scope of work, identify design options, construction implications, associated costs, and communicate these findings and recommendations to the BHA. As part of this role, it is also H2M's responsibility to bring value to the projects by identifying cost saving options, where viable, and exploring diverse ways to achieve the project objective. Often, items not originally envisioned may be recommended for inclusion in the project to provide a more complete solution or minimize cost.

Our assigned Project Manager will participate in the scoping review and meeting for each phase of the project, and attend meetings and site visits, as required, to make sure H2M has a clear understanding of the project's needs.

Understanding of the Scope of Work

H2M understands that the BHA is seeking architectural and engineering consultants to provide professional consulting services, which may include the following:

- Site Planning
- Building Upgrades and Modernization
- Structural Repairs
- Mechanical/HVAC/Plumbing Upgrades
- Electrical & Generator Upgrades
- Civil Work
- Landscaping
- Cost Estimating
- Construction Contract Administration

While the exact scope of work will be defined as projects arise, our experience in similar types of projects involves our complete project team. Our architecture group can evaluate space needs, interior finishes, circulation, information technology requirements, and other architectural desires, which will all be discussed at length with the end users to develop a new, updated design that best serves end user needs. Our MEP team can review the condition of the existing heating and cooling systems, electrical systems, and plumbing/fire protection systems. Our team can review and develop options to upgrade the HVAC, lighting, and domestic water heating systems. H2M will provide updated, code compliant and energy efficient options for the end user to review during the schematic design phase. Selection of the final systems will consider the required phasing that will be necessary to keep the building as operable as possible during construction. H2M is also well versed in designing temporary power and HVAC during construction to avoid complete building shutdowns.

Hazardous Materials
When necessary, H2M will coordinate a hazardous materials survey to determine quantities, locations, and types of any existing asbestos, lead paint, and PCBs impacted by the proposed scope of work. We will coordinate finish replacement at all areas where abatement is scheduled to occur. The survey will be scheduled so that the findings and related scope of work will be incorporated into the design documents.

Design Services
Should H2M be selected as the consultant for this contract, we are prepared to provide pre-schematic, schematic design, design development, documentation quality control, bid phase, construction administration, construction fieldwork, and post-construction closeout services.

Phasing & Project Schedule
Our project team fully understands the importance of project schedules and meeting milestone dates to avoid disruption to operational schedules. We are also well-versed in working in occupied facilities and preparing phasing plans for coordination with contractors to ensure minimal disturbance to daily operations during construction. Project phasing will be thoroughly discussed with the Housing Authority and facility operators, and will be based on occupancy requirements, seasonal implications of equipment replacement, lead times for equipment and materials, and cost implications of the proposed schedule.

Quality Assurance/Quality Control
H2M has long recognized the importance of quality control and is always striving to strengthen and improve the quality of our work. As such, the firm has a formal QA/QC program. Department managers and their key staff members meet on a monthly basis to discuss company procedures, training needs, coordination, scheduling, construction feedback and other topics related to improving the quality of our work product. As a result of these meetings, new policies and procedures are developed at the department level and company-wide. Ideas are exchanged and procedures that have proved successful for one department are shared with others. The concept of the program is to instill quality at the grassroots level and implement procedures that will minimize dependence on solely "end of project checking."

A Project Plan is developed and is used as the agenda for the project kickoff meeting. This ensures all team members have a clear understanding of the project scope, schedule, responsibilities, coordination requirements and client expectations. Regularly scheduled progress meetings are held with the design team to facilitate coordination and resolution of problems and monitor the progress of the design. All design projects are thoroughly reviewed by the department manager of each of the project disciplines (e.g., electrical, mechanical, structural, civil and architectural) before it is reviewed by the project manager. Upon completion of their review a final QA/QC review is performed. Final design drawings and specifications are sealed by the department managers registered in the particular design discipline.

The use of checklists, standard details and standard drawing format, establishment of client standards, use of Master Division One Specifications, formal procedures for feedback from construction inspection to identify design improvements that can be implemented on future projects and other procedures are also successfully utilized to help control the quality of our work product.

H2M Employment Experience
In all aspects of the employment experience, from recruitment to retirement, H2M is committed to the goal of equal employment opportunity (EEO) and approaches each as described below:

Recruitment - H2M's recruitment philosophy is multi-faceted and begins with STEM career awareness at the high school level. H2M continues these efforts through strong college relations and offering a robust internship experience. H2M also utilizes electronic job advertising with a suite of diversity and professional organizations, networking, and an active employee referral program. Candidates meet with HR and members of the hiring department for an in-depth interview process. All candidates who are offered a position at H2M must also submit to a background screen before starting.

Retention - Retention involves many aspects of an employee experience. H2M makes efforts to ensure that all employees have the access to challenging and meaningful work, opportunities for growth, learning and development, strong relationships, equitable compensation, and valuable benefits. One of the highlights over the last four years is the addition of a learning and development team and the creation of home-grown learning opportunities, mentoring programs, leadership development, and project management training, to name a few.

H2M's SF330 is provided at the end of this section.

ARCHITECT-ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*
Qualifications to Perform As-Needed Architectural/Engineering Services

2. PUBLIC NOTICE DATE	3. SOLICITATION OR PROJECT NUMBER
	N/A

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE
Joseph A. Manzella, P.E., LEED AP, Senior Vice President

5. NAME OF FIRM
H2M Architects & Engineers, Inc.

6. TELEPHONE NUMBER	7. FAX NUMBER	8. E-MAIL ADDRESS
(862) 207-5900	(973) 334-0507	jmanzella@h2m.com

C. PROPOSED TEAM

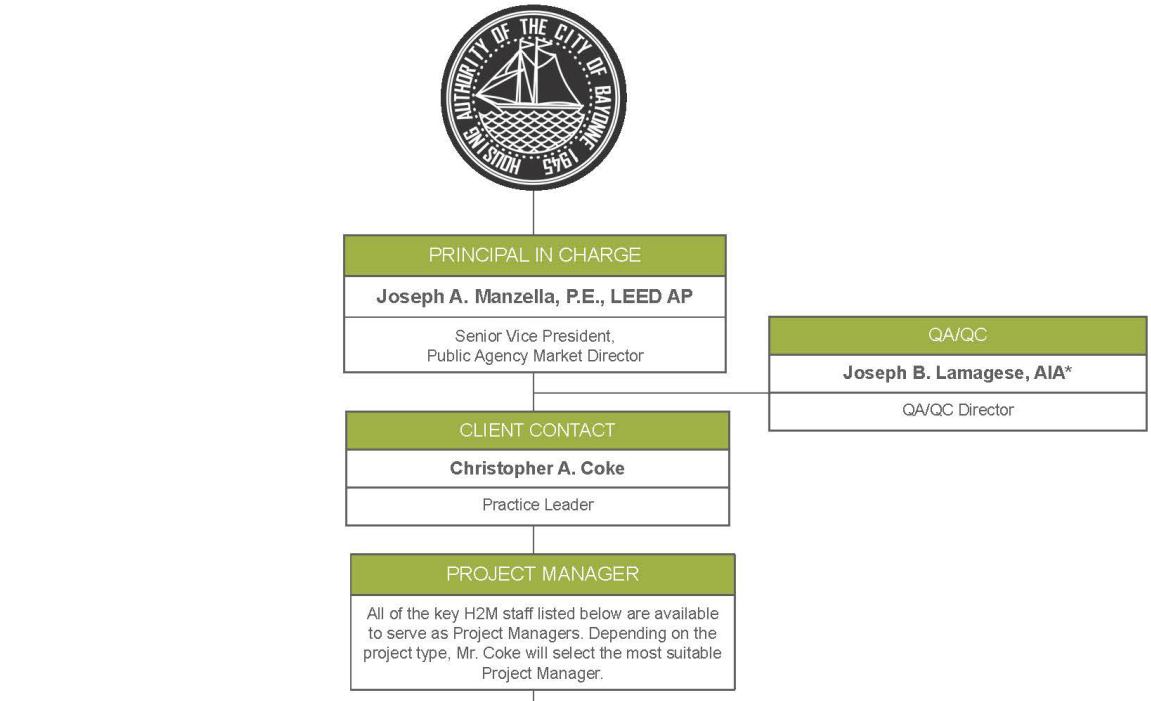
(Complete this section for the prime contractor and all key subcontractors.)

	(Check) PRIME	(Check) J-V PARTNER	(Check) SUBCON-TRACTOR	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	✓			H2M Architects & Engineers, Inc. ☐ CHECK IF BRANCH OFFICE	119 Cherry Hill Road, Suite 110 Parsippany, NJ 07054	Prime Consultant
b.				☐ CHECK IF BRANCH OFFICE		
c.				☐ CHECK IF BRANCH OFFICE		
d.				☐ CHECK IF BRANCH OFFICE		
e.				☐ CHECK IF BRANCH OFFICE		
f.				☐ CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM ☑ *(Attached)*

► Organizational Chart

An important factor that helps H2M deliver well-coordinated and well-executed projects in a timely manner is that all key personnel required for a project assignment can be found under one roof. Our in-house expertise allows us to establish consistency and continuity on each project we undertake. H2M currently has a staff of over 580 individuals, including senior level professionals certified in all aspects of architecture and engineering. The organization of personnel and resources within H2M has been assembled to bring together a complete team of professionals that can focus on each one of a project's specialized program objectives, as well as respond to unanticipated circumstances or issues should they arise.



*** - Licensed in Other States**

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Joseph A. Manzella, P.E., LEED AP	**Principal in Charge**	**30**	**28**

15. FIRM NAME AND LOCATION *(City and State)*
H2M Architects & Engineers, Inc., Parsippany, NJ

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
M.B.A., Business Administration **B.S., Mechanical Engineering**	**Professional Engineer: NJ**

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Board of Directors, ACEC New York, Secretary, Board of Directors of ACEC New York – Long Island Chapter, American Society of Heating, Refrigerating and Air-Conditioning Engineers, and U.S. Green Building Council

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
NYCHA Queensbridge North & South Elevator Rehabilitation, Long Island City, NY

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Executive oversight of vertical transportation design services for the rehabilitation of 96 existing elevators in six-story buildings for the New York City Housing Authority (NYCHA). Each elevator machine room (EMR) receives a new controller and governor components, electrical upgrades, and smoke exhaust system.

b.

(1) TITLE AND LOCATION *(City and State)*
NYCHA Meltzer Tower, Hernandez Tower & Amsterdam Houses Elevator Rehabilitation, New York, NY

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Vertical transportation design services for various NYCHA developments. Buildings range from 6- to 20-stories.

c.

(1) TITLE AND LOCATION *(City and State)*
NYCHA Replacement of Central Boiler Plant, New York, NY

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2018	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Provided engineering investigative and design services for the replacement of the central boiler plant and decoupling of three domestic water heating plants at the Fiorentino Plaza Housing Development. The design of the new domestic water heating systems included new hot water recirculation pumps, storage tank circulator pumps, and domestic hot water tempering valve stations. The electrical design included new power and control wiring for all new equipment, replacement of main distribution panels, and the installation of new high efficiency LED lighting. Construction Cost: $9.8 million

d.

(1) TITLE AND LOCATION *(City and State)*
USPS Fire Sprinkler System Upgrades, Queens, NY

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2020	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Supervised the investigative and 30% design services for the proposed upgrades to the existing fire sprinkler service serving the Jamaica Main Post Office. The building is a 90,000 sqft facility comprised of offices, sorting areas, loading dock, storage rooms, and customer service area in addition to employee break rooms and locker areas. H2M evaluated the condition of the existing fire water service, fire pump, test header, fire department connection, and overall distribution and coverage. Much of the equipment was more than 40 years old and in generally fair to poor condition. H2M's report & 30% design provided recommendations for short term repairs as well as a long-term plan for complete system replacement. Construction Cost: $1.6 million

e.

(1) TITLE AND LOCATION *(City and State)*
USPS Heating Plant Upgrades, New York, NY

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2017	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Supervised the investigative, design, and construction Support services for the heating plant upgrade at the New City Post Office. H2M provided design drawings and specifications for the proposed new heating system which served the perimeter radiation, hot water unit heaters, and duct mounted heating coils. H2M reviewed the contractor's construction cost estimate for the USPS and then provided construction support services. The installation of the new heating plant was completed prior to the start of the following heating season which prevented the need to rent a temporary boiler trailer. Construction Cost: $80,000

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Christopher A. Coke	**Client Contact**	**26**	**4**

15. FIRM NAME AND LOCATION *(City and State)*
H2M Architects & Engineers, Inc., Parsippany, NJ

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
B.S., Civil Engineering	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
City of East Orange Department of Public Works/Water Department, East Orange, NJ

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2021	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[ ] Check if project performed with current firm

As the former Director/Executive Director, managed a capital budget of more than $37 million a year and approximately 130 employees.

Implemented strategies to increase efficiency in multiple divisions. Engaged state entities to obtain funding for over $35 million in water improvements. Communicated with media and public to address customer and constituent issues. Successfully negotiated with the New Jersey Department of Environmental Protection (NJDEP) on water issues related to ongoing litigation and water allocation. Developed and managed public bids to secure vendors to provide various services and goods.

Developed strategies to lower cost through in-sourcing work performed by current staff resulting in approximately $300,000 savings over two years. Facilitated sewer conveyance agreement with the City of Newark for 2/3 of the municipalities flow, settling a 10-year dispute. In addition, coordinated with the Passaic Valley Sewerage Authority (PVSC) for installation of sanitary sewer meters to obtain accurate sewer volumes and reduce operational issues related to Fats Oils Grease (FOG) as part of a process to settle litigation with the City of Newark for wheeling fees.

b.

(1) TITLE AND LOCATION *(City and State)*
City of Paterson Department of Public Works, Paterson, NJ

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[ ] Check if project performed with current firm

As the former Director, managed 300 employees across nine divisions: Engineering, Water and Sewer, Traffic and Lighting, Streets and Roads, Parks and Shade Tree, Cable Communications, Recreation, Recycling, Auto Maintenance and Public Properties, and the Office of the Public Works Director.

Managed an annual budget of approximately $16 million, reducing the budget each fiscal year. Oversaw numerous capital improvement projects with costs upwards of $5 million. Implemented cost-cutting measures, including inventory accountability to reduce annual cost of repairs and limiting repurchasing of equipment and material.

Strengthened relationships with County, State, and other government counterparts to collaborate on various roadway improvement projects. Increased in revenue through effective monitoring and uniformed reporting of revenue streams with emphasis placed on accountability. Effectively managed grants awarded by County, State, and Federal agencies. Managed construction and maintenance of various Combined Sanitary Overflows (CSOs) along Passaic River. In addition, managed emergency response and repair of 24” force sanitary main as part of the Operation of Emergency Management response to Hurricane Irma.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Joseph B. Lamagese, AIA (NY)	**QA/QC**	**36**	**6**

15. FIRM NAME AND LOCATION *(City and State)*
H2M Architects & Engineers, Inc., Parsippany, NJ

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
B.S., Architectural Technology **A.S., Construction Engineering Technology**	**Registered Architect: NY**

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
NYSOPRHP West Bathhouse at Jones Beach, Wantagh, NY

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2012	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[ ] Check if project performed with current firm

Project Manager/Architect. Responsible for conditions assessment and recommendations report followed by design and construction administration phase services for repair and renovation work including a complete roof replacement, masonry façade restoration, cast stone repairs and replications, window and door replacements, structural repairs, and ADA compliance upgrades including ramps and elevator installation. Construction Value: $8.7 million

b.

(1) TITLE AND LOCATION *(City and State)*
NYSOPRHP Jones Beach Field 6 Bathhouse and Concession Renovation, Wantagh, NY

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[ ] Check if project performed with current firm

Project Manager and Architect. Responsible for conditions assessment and recommendations report followed programming design and CA phase services for repair and renovation work including a masonry facade restoration, replications, window and door replacements, structural repairs, and ADA compliance upgrades including fully redesigned showers and restrooms. Construction Value: $2.1 million

c.

(1) TITLE AND LOCATION *(City and State)*
NYSOPRHP Jones Beach Hurricane Sandy Response Services, Wantagh, NY

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2013	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[ ] Check if project performed with current firm

Project Manager/Architect. Provided conditions assessment and architectural design services for repairs and restorations of the historic Lifeguard Station and Umbrella Concession near the East bathhouse after the structures sustained substantial damage due to the tidal surges and floating debris brought on by Hurricane Sandy.

d.

(1) TITLE AND LOCATION *(City and State)*
NYSOGS Pilgrim Psychiatric Center Bldg. 25, Brentwood, NY

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2015	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[ ] Check if project performed with current firm

Project Manager and Architect. The project involved the removal of two 2,000 sf brick, steel, and glass porch/skylight enclosures and restoration of the building envelope to address water infiltration problems. The scope of work involved design for the complete removal of these structures, roof replacements, window replacements, scoping replacements, and repairs to the masonry facade.

e.

(1) TITLE AND LOCATION *(City and State)*
NYSOPRHP Hither Hills State Park Bathhouse, Montauk, NY

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2002	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[ ] Check if project performed with current firm

Project Architect. Provided programming, design, and construction administration phase services for a new 26,000 square foot bathhouse and visitors' center, including men's and women's toilet and shower rooms. The project also included the restoration of a historic structure for use as a concession stand involving the replacement of damaged and decaying wood deck piles. Construction Value: $8 million

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Kelly E. Greenfield, R.A., LEED AP BD+C, WELL AP (NY)	**QA/QC**	**16**	**8**

15. FIRM NAME AND LOCATION *(City and State)*
H2M Architects & Engineers, Inc., Parsippany, NJ

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
B.A.; Urban Studies; Fordham University **M.Arch; City College of New York** **M.U.D.; City College of New York**	**Registered Architect: NY, CT, FL**

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
LEED AP Building Design & Construction Accredited, USGBC (LEED AP BD+C); WELL Accredited Professional; GBCI; NYCDOB Class 1 Filing Representative; NCARB Certified; International Institute of Building Envelope Consultants (IIBEC); American Institute of Architects (AIA); Urban Green Council (USGBC)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
New York City Housing Authority (NYCHA) Morris and Moore Houses Roof Replacements; Bronx, NY	2024	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Architect. Provided design and construction administration services for roofing replacement at the Morris and Moore Houses. Performed existing conditions surveys, designed roofing improvements, and oversaw construction.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
New York City Housing Authority (NYCHA) Gompers Houses Roof Replacements; New York, NY	2023	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Responsible for the design of roof and roof railing replacements at the three buildings of the Gompers Houses totaling approximately 24,500 square feet.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
New York City Housing Authority (NYCHA) Coney Island and Marlboro Houses Trash Hoist Replacements; Brooklyn, NY	2023	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Architect. Prepared construction documents for trash hoist replacements with vertical reciprocating conveyors at 22 buildings across two NYCHA developments, Coney Island and Marlboro Houses. The systems were designed as fully enclosed cabs that lift trash from the basement compactor rooms to the first floor for removal.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
New York City Housing Authority (NYCHA) Queensbridge North and South Elevator Rehabilitation; Long Island City, NY	2021	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Architect. Vertical transportation design services for the rehabilitation of 96 existing elevators in six-story buildings for the NYCHA. Each elevator machine room (EMR) will receive a new controller and governor components, electrical upgrades, and smoke exhaust system.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
New York City Housing Authority (NYCHA) Sotomayor Houses Rehabilitation; Bronx, NY	2017	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Architect. Oversaw preparation of the existing conditions reports, design development drawings, and construction document phase for the comprehensive restoration of this 28-building development. The project scope included new liquid applied roofs at all buildings, replacement of parapets with a new roof railing and fascia system, as well as select masonry restoration. Additional scope included the replacement of site sewer laterals and windows, upgrades to site lighting, apartment bathroom upgrades, and bulkhead and water tower repairs.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Brian M. Castelli, P.E.	**Mechanical/HVAC**	a. TOTAL: 14	b. WITH CURRENT FIRM: 8

15. FIRM NAME AND LOCATION *(City and State)*
H2M Architects & Engineers, Inc., Parsippany, NJ

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
M.S., Transportation; New Jersey Institute of Technology **B.S. Mechanical Engineering, New Jersey Institute of Technology**	Professional Engineer: NJ, NY, PA, CT

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
National Council of Examiners for Engineering and Surveying (NCEES)
Society of American Military Engineers – West Point Industry Liason

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: New York City Housing Authority (NYCHA) Throughout New York City

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2024 | CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager/Engineer of Record. Provided design of replacement toilet exhaust fans across 60 NYCHA developments through NYC. The scope of services included the inspection, evaluation, design, and construction support for 250 buildings and over 2,600 exhaust fans.

b.

(1) TITLE AND LOCATION *(City and State)*: New York City Housing Authority (NYCHA) Bronx River Houses Boiler Plant Replacement; Bronx, NY

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2023 | CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Engineer of Record. Provided evaluation and design of the replacement steam boil plant for Bronx River Houses. Complete boiler plant upgrade included the design of steam boilers, vacuum condensate pumps, boiler feedwater systems, steam and condensate piping, and temporary boiler systems. The scope of services also included new domestic water heater venting in each of the 12 remote buildings in the development.

c.

(1) TITLE AND LOCATION *(City and State)*: Carlton Regency Corporation Engineering Investigation on HVAC Systems; New York, NY

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2023 | CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Engineer. Performed a variety of investigative services as an engineering expert representing a co-op board. Provided troubleshooting on a variety of malfunctioning NVAC systems in two high rise residential buildings. Provided design services on HVAC upgrades worth over $6 million in construction cost. Provided construction cost opinions to assist the co-op in long term financial planning.

d.

(1) TITLE AND LOCATION *(City and State)*: New York City School Construction Authority (NYCSCA) New School Design; Queens, NY

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2021 | CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Engineer. Provided design services for a new 65,000 square foot school. The mechanical design of the building included the use of displacement induction units and chilled beams, as well as the design of a full service commercial grade kitchen including kitchen exhaust hood and grease duct design.

e.

(1) TITLE AND LOCATION *(City and State)*:

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: | CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[] Check if project performed with current firm

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **1**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED

Boiler Replacement Bronx, NY	PROFESSIONAL SERVICES 2021 - Ongoing	CONSTRUCTION (if Applicable) Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
New York City Housing Authority	Chris Sabbagh	(718) 730-8336

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H2M was retained by the New York City Housing Authority to replace aging boilers in the Bronx River Houses as part of their Comprehensive Modernization Program.

Located on 13.94-acres and bordered by East 174th Street, Harrod, and Bronx River Avenues, the Bronx River Houses development consists of nine, 14-story buildings with 3,025 residents inhabiting 1,247 apartments. The central boiler plant's five, 300 HP low pressure steam fire tube boilers, and all associated ancillary steam equipment (condensate return unit, boiler feed unit, blow down separator, chemical feed unit, etc.), is being replaced.

The design includes abandonment and removal of the three existing 25,000 gallon, above grade fuel oil tanks in accordance with New York City Fire Code. Temporary rental boilers were also included in the design to ensure heating and domestic hot water service was maintained in the development for the duration of construction. The development's 12 existing indirect domestic water heating systems and their associated steam heat exchangers were replaced with gas-fired domestic water heaters with storage tanks. The intent was to decouple the domestic water heating systems from the central boiler plant. The design of the new domestic water heating systems included new hot water recirculation pumps, circulator pumps, and domestic hot water tempering valve stations.

The installation of new natural gas services was coordinated with the local gas utility to serve the new domestic water heaters. Replacement of sump pumps and condensate return units located in each of the 12 remote mechanical equipment rooms was also included in the design. The electrical design included new power and control wiring for all new equipment, replacement of main distribution panels, and installation of new high efficiency LED lighting.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H2M Architects & Engineers, Inc.	Parsippany, NJ	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **2**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Replacement of Central Boiler Plant Brooklyn, NY	2020 - Ongoing	Ongoing

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER New York City Housing Authority	b. POINT OF CONTACT NAME Ginger Modafferi, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (914) 481-6198

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H2M provided engineering design services for the replacement and relocation of the central boiler plant at the NYCHA Bayview Houses in Brooklyn, NY.

As part of the New York City Housing Authority (NYCHA)'s Phase II A boiler replacements, H2M was retained to replace the existing boiler plant serving the 23 eight-story buildings located on the 34-acre Bayview campus in Brooklyn, NY.

The campus boiler plant is comprised of seven dual-fuel 300hp steam boilers fed by a natural gas service and two 20,000 gallon underground fuel oil storage tanks. The existing boilers are located in the central boiler plant building, however they are located below the design flood elevation.

The purpose of this project is to provide new natural gas-fired steam boilers in a new structure, located above the design flood elevation, to improve resiliency in the event of a major storm.

Due to the minimal space available to build a new adjacent heating plant building, H2M designed a second story addition to the existing plant building to allow for the new equipment to be elevated. The design work includes all associated structural, architectural, mechanical, electrical, plumbing, geotechnical, and environmental engineering work. A new centralized fire alarm system will be provided for the entire plant building as part of this project.

The existing electrical service will also be replaced and elevated above the design flood elevation. The existing fuel oil tanks will be removed at the conclusion of construction.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H2M Architects & Engineers, Inc.	Parsippany, NJ	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER **3**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Replacement of Central Boiler Plant **New York, NY**	2018 - 2023	2022 - 2023

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
New York City Housing Authority	Angelena Edwards	(212) 306-4188

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H2M provided engineering investigative and design services for the replacement of the central boiler plant and decoupling of three domestic water heating plants at the Fiorentino Plaza Housing Development.

The Fiorentino Plaza Development consists of eight four-story buildings. The central boiler plant's two 200 HP low pressure steam fire tube boilers and all associated ancillary steam equipment (condensate return unit, boiler feed unit, blow down separator, chemical feed unit, etc.) was replaced. The design included abandonment of the existing 12,000 gallon buried fuel oil tank in accordance with NYC Fire Code. A temporary rental boiler was also included in the design to ensure heating and domestic hot water service is maintained to the development for the duration of construction.

The development's three existing indirect domestic water heating systems and their associated steam heat exchangers were replaced with high efficiency, gas-fired condensing domestic water heaters with storage tanks. The intent was to decouple the domestic water heating systems from the central boiler plant. The design of the new domestic water heating systems included new hot water recirculation pumps, storage tank circulator pumps, and domestic hot water tempering valve stations. The installation of new natural gas services was coordinated with the local gas utility to serve the new domestic water heaters. Replacement of sump pumps and condensate return units located in each of the seven remote Mechanical Equipment Rooms was also included in the design.

The electrical design included new power and control wiring for all new equipment, replacement of main distribution panels, and the installation of new high efficiency LED lighting.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H2M Architects & Engineers, Inc.	Parsippany, NJ	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Elevator Rehabilitation **Queens, NY**	2017 - Ongoing	2021 - Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
New York City Housing Authority	Joseph Brando	(718) 730-8049

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H2M produced and submitted the final pre-design phase reports for 47 elevators at Queensbridge North and 49 elevators at Queensbridge South. H2M is working in close coordination with the NYCDOB.

These reports outline the existing conditions of the elevators at each building in the development; including physical condition, code compliance, and accessibility. The reports also offer our recommendations for repair which if approved by NYCHA will be the basis for our design phase documents.

H2M is working closely with our Elevator Consultant (VDA) to determine the best course of action in the rehabilitation of the 96 elevators at the nation's largest single housing complex. Some challenges that H2M is facing with the design of this rehabilitation are the inadequate machine room sizes, antiquated swing access doors, and general constraints of these pre-war buildings. Posed with the challenge of some non-conforming code conditions including the current clearances required by code in front of the controller, panel board and disconnect switch. H2M is working closely with VDA and NYCHA to improve these existing conditions to the greatest extent possible, while taking into account NYCHA's budget.

A structural analysis was done by H2M to see if expansion of the elevator machine rooms was feasible; this analysis determine the existing structure was not designed for additional loads and would require a substantial amount of structural reinforcement/redesign of the roof structure. Our firm has also engaged a local elevator manufacturer in order to integrate an innovative sliding door system that will work within the constraints of the existing building.

In addition to the elevator assessment, H2M has engaged the NYCDOB for a predetermination on the inadequately sized machine rooms, in order to streamline the DOB approvals process. H2M prepared and submitted an initial CCD-1 package to the Elevator Unit, which outlined the existing non-conforming conditions in the elevator machine rooms, explained the limitations of the building's structural capacity, and detailed our design solution which will improve the (non-conforming) conditions to the greatest extent possible. The CCD-1 was approved with conditions, requesting that H2M also submit to the Borough for a review of the electrical components. H2M prepared and submitted a subsequent CCD-1 to the Borough and is awaiting a predetermination response regarding the electrical clearances.

H2M is currently providing A/E services at five additional developments for NYCHA across the five boroughs, totaling 81 additional elevators. These projects are currently under various stages of design and construction.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H2M Architects & Engineers, Inc.	Parsippany, NJ	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **5**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Roof & Railing Replacement **New York, NY**	2018 - 2024	2020 – 2021; 2024 - Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
New York City Housing Authority	Dubravko (Dan) Cebalo, RA	(718) 730-8055

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H2M provided design services for a roof and roof railing replacement effort at the NYCHA Gompers Houses, which included three buildings totaling approximately 24,540 square feet.

H2M reviewed and integrated NYCHA's standard design guidelines for the liquid applied roofing details, roof railing, edge details, and exterior masonry work. H2M is currently coordinating through NYCHA with another current HVAC project at the community center building. Along with the current HVAC project, some additional challenges are the community center roof, an existing rooftop concrete play area which is no longer functioning in this capacity. In discussing the condition with our structural engineers and the liquid applied roofing manufacturer, H2M's decision to remove the concrete play surface has allowed for better integration of the additional required insulation thickness.

The two residential tower roofs posed other design challenges. Energy code changes have resulted in increased insulation thickness requirements, which pose an issue at the existing bulkhead doors. Design solutions included a play between minimum slope requirements to move water across these roofs to the drains, large distances between the few drains, and restrictions in adding additional drains which would disrupt the residents of the floors below.

H2M is currently providing A/E services at two additional developments for NYCHA in the Bronx (Morris I and Moore Houses), totaling 12 additional buildings. Both projects are currently under construction with anticipated completion in the Summer of 2025.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H2M Architects & Engineers, Inc.	Parsippany, NJ	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER **6**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Roof Fan and Ventilation System Upgrade **New York, NY**	2020	2023

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
New York City Housing Authority	Elena Tenchikova	(718) 707-5981

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H2M worked with a manufacturing company to support the New York City Housing Authority's (NYCHA) need to investigate existing systems and develop replacement equipment requirements at the Wald Houses.

The Wald Houses consist of 16 high-rise residential buildings. Using one of the buildings as a test pilot, H2M worked with NYCHA to determine which fan selection would be best for performance, operating point efficiency, spare capacity, and constructability. The findings from the one building would ultimately impact the execution on the other buildings, totaling 12,000 fans and 120,000 grilles.

After reviewing all options, the physical construction of the existing exhaust shafts would not permit standard commercial equipment to be used. Therefore, H2M worked with a private manufacturer to develop a custom-built replacement of the roof fan and ventilation system upgrade. Aside from the physical compatibility, H2M reviewed the custom design damper assembly test performance for airflow and pressure drop performance.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H2M Architects & Engineers, Inc.	Parsippany, NJ	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER **7**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Environmental Monitoring **Newark, NJ**	Ongoing	

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Newark Housing Authority	Gregory Good	(973) 273-6585

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H2M was retained by the Newark Housing Authority to conduct a preliminary assessment and site investigation report for 171-183 Clinton Avenue in Newark, NJ.

The Newark Housing Authority acquired the property at 171-183 Clinton Avenue in Newark, NJ, with the intention of redevelopment as it had been vacant for decades. Prior to redevelopment, the Newark Housing Authority wanted to conduct environmental due diligence on the property. H2M completed a Phase I Environmental Site Assessment (ESA) on the property, along with a geophysical survey of the site. The findings of the Phase I ESA identified several recognized environmental conditions (REC), including a potential underground storage tank (UST). The firm also found historic use of the site as an auto repair shop, potential historic fill, and historic operations on surrounding properties.

After completion of the Phase I ESA, the Newark Housing Authority asked H2M for assistance in applying for New Jersey Economic Development Agency (NJEDA) grants and conducting follow-up investigation on the RECs. As part of the second phase and the grant application process, the Phase I ESA was converted into a preliminary assessment and site investigation.

The site investigation consisted of collecting seven soil borings, four of them were converted to temporary wells to collect groundwater samples. Sample results and evaluations of the soil borings identified the presence of historic fill throughout the site. Prior to conducting soil borings, a second geophysical survey was conducted. The geophysical survey did not identify a potential UST and identified metallic anomalies in the same area. Based on the geophysical information, H2M conducted test pits in the area and found buried debris and did not identify a UST.

The firm is currently preparing the grant application and LSRP-related tasks for the Newark Housing Authority. H2M is also working with the agency to further evaluate the development of the property by providing cost estimates.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H2M Architects & Engineers, Inc.	Parsippany, NJ	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER **8**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Brownfield Remediation **Dumont, NJ**	2015	

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Housing Authority of Bergen County	George Stavrou	(201) 336-7624

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H2M was retained in 2012 by the Housing Authority of Bergen County to conduct a Preliminary Assessment of the David F. Roche Apartments in Dumont, NJ. It was suspected that the property was impacted by fill material based on a historic fill investigation of the adjacent property. H2M was subsequently retained to conduct a remedial investigation at the site and the presence of fill material was confirmed.

Through the completion of the Preliminary Assessment and Site Investigation, the results confirmed that contamination (polynuclear aromatic hydrocarbons [PAHs], pesticides and metals) was present in the soils and groundwater at the property. After evaluating the potential risk to residents at the site, a remedial action was selected. It focused on NJDEP presumptive remedy of the removal of surface soil and the institution of a deed notice and classification exception area. H2M determined that remediation of subsurface soil and the groundwater was not necessary to protect the public from these contaminated media since most of the property was developed around a large apartment building where large areas were paved and no groundwater use was present at the site or in the surrounding area.

The implementation of the presumptive remedy for exposed surface soil (landscaped areas) included the removal of up to two feet of contaminated soil at the surface; the placement of a demarcation barrier; and the restoration and/or raising grade of site using certified clean backfill and topsoil. Soils impacted with historic fill were excavated and removed to the extent possible to create a clean buffer to prevent human contact with the PAHs, pesticides and metal contaminants present in the surface soil.

Following approval from the client and the Licensed Site Remediation Professional (LSRP) of the proposed remedial alternative, H2M developed a Remedial Action Work Plan. Additional tasks include the preparation of a Deed Notice, Remedial Action Permit, Remedial Action Report and Classification Exception Area (CEA).

H2M was responsible for the preparation of formal design plans and a construction specification for public bid. The design package included: design drawings; construction specifications; and the Housing Authority's required solicitation documents. H2M assisted with the issuance of the bid documents and reviewed all bid submittals.

Once the project was awarded to a remediation contractor, H2M provided construction administration and construction observation services throughout the project. H2M applied for and obtained permits from the Bergen County Soil Conservation District for the project work. H2M provided construction administration services (review of shop drawings and invoices) and observation services throughout the one-month long project.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H2M Architects & Engineers, Inc.	Parsippany, NJ	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER **9**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Remedial Investigation & Remediation **Dumont, NJ**	2012	

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Housing Authority of Bergen County	George Stavrou	(201) 336-7624

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H2M conducted a preliminary assessment and subsequent remedial investigation at the David F. Roche Apartments in Dumont, NJ, to address concerns of contamination impacting the health of residents.

The Housing Authority of Bergen County suspected that the property was impacted by contaminated fill material based on a historic fill investigation of the adjacent property. H2M's preliminary assessment and site investigation confirmed that contamination (polynuclear aromatic hydrocarbons [PAHs], pesticides and metals) was present in the surficial and subsurface soils and groundwater at the apartment complex.

H2M was subsequently retained to conduct a remedial investigation at the site and evaluate the potential risk to residents to determine the best course of action. Remediation focused on NJDEP presumptive remedy of the removal of surface soil and the institution of a deed notice and classification exception area.

H2M determined that remediation of subsurface soil and the groundwater was not necessary to protect the public since most of the property around the apartment building was developed. Large areas were paved, and no groundwater use was present at the site or in the surrounding area. Instead, remediation efforts were to focus on the surface soil.

The presumptive remedy for exposed surface soil (landscaped areas) included: the removal of up to two feet of contaminated soil at the surface; the placement of a demarcation barrier; and the restoration and/or raising grade of site using certified clean backfill and topsoil. Soils impacted with historic fill were excavated and removed to the extent possible to create a clean buffer to prevent human contact with the PAHs, pesticides and metal contaminants present in the surface soil.

Following approval from the client and the Licensed Site Remediation Professional (LSRP) of the proposed remedial alternative, H2M developed a Remedial Action Work Plan. Additional tasks included the preparation of a Deed Notice, Remedial Action Permit, and Remedial Action Report.

H2M was responsible for the preparation of formal design plans and construction specifications for public bid. The design package included design drawings, construction specifications, and the Housing Authority's required solicitation documents. H2M assisted with the issuance of the bid documents and reviewed all bid submittals.

Once the project was awarded to a remediation contractor, H2M provided construction administration and construction observation services throughout the one-month long project. H2M performed review of shop drawings and invoices as well as applied for and obtained permits from the Bergen County Soil Conservation District for the project work.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H2M Architects & Engineers, Inc.	Parsippany, NJ	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER **10**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
Trash Hoist Replacements Brooklyn, NY	PROFESSIONAL SERVICES 2016 - 2023	CONSTRUCTION (if Applicable) 2024 - Ongoing

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER New York City Housing Authority	b. POINT OF CONTACT NAME Joseph Brando	c. POINT OF CONTACT TELEPHONE NUMBER (718) 730-8049

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Due to conditions that were deemed unsafe at the existing Coney Island Houses and Marlboro Houses, H2M was assigned an emergency project to replace the existing trash hoist systems with new code-compliant systems.

The existing systems were designed to remove ash from the basement incinerators amounted to holes in the floor slabs and platforms that were moved via wenches and cables. The new systems were designed as fully enclosed cabs that will lift the trash from the basement compactor rooms to the first floor for removal.

We observed and designed trash hoist systems at five buildings at the Coney Island Houses and 17 buildings at the Marlboro Houses. Both sites posed design challenges, as there are typically conflicts with existing systems when retrofitting into an existing building. We investigated these conflicts and, where possible, used creative design solutions to only relocate existing systems when no other solution was logically feasible.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H2M Architects & Engineers, Inc.	Parsippany, NJ	Prime

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL *(From Section E, Block 12)*	27. ROLE IN THIS CONTRACT *(From Section E, Block 13)*	28. EXAMPLE PROJECTS LISTED IN SECTION F *(Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)*									
		1	2	3	4	5	6	7	8	9	10
Joseph A. Manzella, P.E., LEED AP	Principal-in-Charge		X	X	X	X	X	X	X		
Christopher A. Coke	Client Contact										
Joseph B. Lamagese, AIA (NY)	QA/QC										
Kelly E. Greenfield, R.A., LEED AP BD+C, WELL AP (NY)	QA/QC				X	X	X				
Brian M. Castelli, P.E.	Mechanical/HVAC	X	X	X			X				
Resumes for non-key staff	can be found in Tab 1										

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT *(From Section F)*	NUMBER	TITLE OF EXAMPLE PROJECT *(From Section F)*
1	NYCHA Boiler Replacement	6	NYCHA Roof Fan and Ventilation System Upgrade
2	NYCHA Replacement of Central Boiler Plant 1	7	NHA Environmental Monitoring
3	NYCHA Replacement of Central Boiler Plant 2	8	HABC Brownfield Remediation
4	NYCHA Elevator Rehabilitation	9	HABC Remedial Investigation & Remediation
5	NYCHA Roof & Railing Replacement	10	NYCHA Trash Hoist Replacements

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

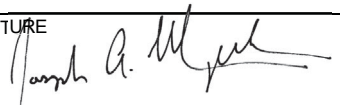
H2M has completed thousands of public agency and municipal projects for dozens of federal, state, and local agencies and governments. We have completed many housing projects and have experience designing new facilities, renovations, and expansions. We have many clients that maintain multiple facilities, including housing complexes and campuses, and these clients continue to rely on us to recommend repairs and maintenance for their facilities to keep them operating efficiently and effectively. As a result, they also rely on us to assist with their program development, to investigate design options, and then execute scenarios for the alteration of their facilities to be able to meet their current needs and future challenges as their needs change over time. The project team we have assembled is experienced in all phases of the project.

Some of the strengths of our team are:

- ► Familiarity and experience working in public and affordable housing developments.
- ► Understanding and experience with HUD contract requirements.
- ► Knowledge of building codes.
- ► Excellent reputation for quality of work, responsiveness, and professionalism.
- ► Experienced staff and project management we are proposing to commit to this assignment.
- ► Resource capabilities of our firm, which allows us to successfully complete multiple projects simultaneously and maintain project schedules.
- ► Proposed approach that will allow us to complete the requested assignment in a well-coordinated and timely manner.
- ► Our firm takes ownership and we look to assure our work suits our client's needs and objectives, and its completion is on schedule and within budget.
- ► We are a proactive firm that attempts to anticipate future issues and plan ahead to assure a successful project's completion while anticipating future needs.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE	32. DATE
	5/12/25

33. NAME AND TITLE

Joseph A. Manzella, P.E., LEED AP, Senior Vice President

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*
Bayonne Housing Authority
RFQ for As-Needed A/E Services

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME	3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
H2M Architects & Engineers, Inc.	1933	

2b. STREET	5. OWNERSHIP
119 Cherry Hill Road, Suite 110	a. TYPE: Private Corporation

2c. CITY	2d. STATE	2e. ZIP CODE	b. SMALL BUSINESS STATUS
Parsippany	NJ	07054	

6a. POINT OF CONTACT NAME AND TITLE	7. NAME OF FIRM *(If block 2a is a branch office)*
Joseph A. Manzella, P.E., LEED AP, Senior Vice President, Public Agency Market Director	

6b. TELEPHONE NUMBER	6c. E-MAIL ADDRESS
(862) 207-5900	jmanzella@h2m.com

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
H.G. Holzmacher - 1933; H.G. Holzmacher & Associates - 1956; Holzmacher, McLendon & Murrell - 1961; Holzmacher, McLendon & Murrell, P.C. - 12/10/70; Employee numbers include staff from affiliate firms.		

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
6	Architect	140	
8	CADD Technician	5	
12	Civil Engineer	36	
15	Construction Inspector	35	
21	Electrical Engineer	26	
21	Environmental Engineer	29	
24	Environmental Scientist	27	
26	Forensic Engineer	2	
29	GIS Specialist	3	
30	Geologist / Hydrogeologist	7	
36	Industrial Hygienist	3	
38	Land Surveyor	8	
42	Landscape Architect	3	
47	Mechanical Engineer	33	
52	Planner: Urban/Regional	6	
56	Specifications Writer	1	
57	Sanitary Engineer	28	
58	Structural Engineer	14	
62	Water Resources Engineer	87	
	Other Employees	91	
	Total	584	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
C10	Commercial Bldgs; Shopping Centers	7
E02	Educational Facilities; Classrooms	10
E03	Electrical Studies and Design	6
E12	Environmental Remediation	8
F05	Forensic Engineering	7
G04	GIS Services; Development, Analysis	5
H04	Heating; Ventilating; Air Condition	6
H07	Highway; Streets; Airfield Paving;	5
H09	Hospital & Medical Facilities	7
H11	Housing (Residential, Mutti-Family,	8
L04	Libraries; Museums; Galleries	7
O01	Office Buildings; Industrial Parks	7
P06	Planning (Site, Installation, Proj)	7
P11	Postal Facilities	4
R04	Recreation Facilities (Parks, Etc.)	6
R06	Rehabilitation (Buildings; Structures; Facilities)	7
S04	Sewage Collection, Treatment and Disposal	8
S09	Structural Design; Special Structures	5
S10	Surveying; Platting. Mapping; Flood	5
T03	Traffic/Transportation Engineering	3
W02	Water Resources;Hydrology;Ground H2O	6
W03	Water Supply; Treatment and Distribution	10

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	2
b. Non-Federal Work	10
c. Total Work	10

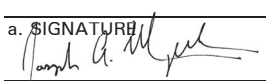
PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,00 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE



b. DATE: 5/12/25

c. NAME AND TITLE

Joseph A. Manzella, P.E., LEED AP, Senior Vice President, Public Agency Market Director

TAB 4

H2M was organized in 1933 and founded on the principles of professional excellence, hard work, and integrity.

Practical Approach. Creative Results.

H2M is a multi-disciplined professional consulting, and design firm, proud of our long history of client service and consistent ability to meet tough architectural, engineering, and environmental challenges head-on. Since 1933, H2M has helped plan, design, and build many of our local communities: from water treatment facilities to firehouses, schools to road reconstruction, and Environmental Site Assessments (ESAs) to groundwater remediation. Since our early roots, our focus has remained steadfast: to provide quality service with sound judgment and serve our clients as an honest and professional resource. We offer a practical approach with creative results.

Our Staff

H2M prides itself on the breadth of its comprehensive in-house service capabilities. With a diverse staff of more than 580 architects, engineers, surveyors, scientists, planners, landscape architects, inspectors, and technical support specialists, we offer our clients the benefit of a full “under one roof” consulting network.

- 72 Registered Architects
- 128 Professional Engineers
- 03 Registered Landscape Architects
- 05 Certified Interior Designer
- 07 Professional Geologists
- 03 Professional Planners
- 02 Professional Land Surveyors
- 05 Licensed Site Remediation Professionals
- 37 LEED Accredited Professionals
- 11 LEED Green Associates

OPERATING PHILOSOPHY

MISSION

Our People
We commit to developing our people and rewarding hard work with growth opportunities in an inclusive professional environment.

Our Clients
We commit to being trusted advisors for our clients and delivering problem solving value and quality on every project.

Our Communities
We commit to creating thriving and healthy communities by giving of ourselves and developing sustainable solutions that benefit everyone.

VISION

We exist to improve the quality of life for everyone in our reach by empowering our diverse talent to sustainably solve the challenges of the built environment.

VALUES

We Stand as One H2M
Inclusive. Supportive. Collaborative. No matter where you are.

We Challenge One Another
We show up curious and push boundaries.

We Do the Right Thing
Our character is built on doing what is right and ethical.

We Work Safely
We care for the lives of our people and their families.

We Own it
We hold ourselves accountable for team success and personal achievement.

We Embrace Diversity
We acknowledge and honor the fundamental value and dignity of all individuals.

Architecture

- Architectural design
- Comprehensive grant programs
- LEED design processes
- Interior design
- Removal of barriers to the handicapped
- Master plans and revisions
- Needs assessments
- Planning studies
- Building conditions surveys
- Restoration of historic structures
- Restaurant and kitchen design
- Zoning ordinance review
- Educational facilities design
- Assisted living facilities design

Civil/Site & Structural Engineering

- Roadway reconstruction and resurfacing
- Site plan design
- Street lighting
- Flood control and drainage
- Irrigation systems
- Sidewalks and curbs
- Storm drainage systems
- Water mains
- Local roadway study and design
- Subdivision design
- Streetscape design and improvements
- Parks, playgrounds, athletic fields
- Parking fields
- Highway planning studies
- Intersection design and improvements
- Visual impact analyses
- Geographic Information Systems (GIS)
- Green infrastructure design
- Structural conditions assessments
- Structural building design
- Structural renovations/alterations
- Cause and origin investigations
- Retaining walls, bulkhead, and culvert design
- Storm hardening/resiliency
- Expert testimony

Construction Phase Services

- Construction management/administration
- Resident engineering
- Construction inspection (F/T or P/T)
- Daily/weekly/monthly project reporting
- Utility coordination
- Weekly job progress meetings/minutes
- Schedule review
- Change order processing
- Payment requisition processing
- Project startup
- Commissioning
- Prepare punch list
- Project closeout
- Record drawings

Environmental Engineering & Services

- Air and water pollution control
- Hazardous waste management
- Hazardous materials storage design
- Waste minimization
- Environmental Impact Statements (EISs)
- Wetland delineation
- Environmental Site Assessments (ESAs)
- Environmental compliance audits
- Environmental permitting
- Site investigations
- Brownfield assessments
- Solid waste management facility design
- Solid waste facility operational assessments
  Waste & materials quantification & characterization analysis
- NYSDEC Part 360 Regulatory Compliance & Permitting
- Remedial investigations/feasibility studies
- Risk assessments
- Above and underground tank management
- Soil and groundwater remediation
- Soil vapor intrusion studies
- Regulatory compliance programs
- Industrial hygiene
- Indoor air quality
- CM/LBP/mold inspections and abatement
- Computer modeling
- Asbestos investigation and removal
- Geographic Information Systems (GIS)

Land Surveying

- Boundary and title surveys
- Topographical surveys
- Horizontal and vertical control surveys
- Hydrographic surveys
- Route surveys
- Subdivision planning
- Sanitary and drainage study maps
- Legal descriptions
- Construction layout services
- As-built surveys
- Architectural surveys
- Structural surveys
- Under-construction inspection surveys
- Easement survey and description

Landscape Architecture

- Tree inventory and assessment
- Tree mitigation
- Landscape design and restoration
- Conceptual site design
- Landscape planning
- Illustrative renderings
- Landscape architectural detailing
- Streetscape and urban design
- Parks and playgrounds design
- Campus landscape design
- Private estate and residential design
- Planting design
- Wetlands mitigation
- Green infrastructure

MEP Services

- Electrical systems design
- Feasibility and implementation studies
- Power supply
- Exterior and interior building services
- Closed-circuit television security systems
- Emergency power generation
- Site/systems and load evaluations
- Energy studies
- Site lighting design
- Fire and security systems
- SCADA systems
- Utility company rebates and incentives
- HVAC systems design
- Heat and cooling load analysis
- Steam systems
- Hydronics
- Heat recovery systems
- Chillers and cooling towers
- Laboratory ventilation systems
- Site/systems evaluations
- Feasibility/implementation studies
- Energy conservation
- Cost/benefit analysis
- Commissioning/testing

Planning

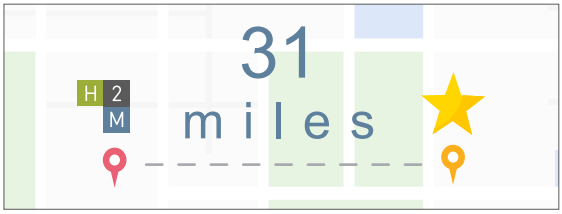
- Comprehensive master planning
- Parks, open space and recreation planning
- Environmental and natural resource planning
- SEQRA and EIS documentation and process support
- Community visioning
- Zoning ordinances and analysis
- Redevelopment studies and plans
- Geographic Information Systems (GIS)
- Urban design
- Strategic solid waste management planning
- Stormwater management program planning
- FEMA hazard mmitigation & resilience planning
- Design guidelines
- Renderings
- Feasibility studies and conceptual plans
- Downtown revitalization
- Expert private testimony
- Municipal board representation

Wastewater Engineering

- Characterization/quantification of waste
- Treatment facility evaluation
- Scavenger waste facility design
- Outfalls and leaching systems design
- Chemical feed systems design
- Monitoring and control systems
- Nutrient removal treatment systems design
- Facility planning studies
- Wastewater treatment studies
- Wastewater treatment plant design
- Wastewater reuse design
- Standby power systems
- Sludge thickening, dewatering
- Sludge treatment, disposal
- Odor control
- UV and chemical disinfection systems
- Sewer system extension planning
- User cost analysis
- Sanitary sewer design
- Sewer rehabilitation studies and design
- Infiltration/Inflow evaluation
- Pump station evaluations and design
- Sewer flow modeling
- Security systems
- Geographic Information Systems (GIS)
- Discharge monitoring reports
- Plant performance monitoring
- Preparation of O&M manuals
- Facility start-up and operations
- Groundwater/effluent monitoring programs
- Operator training
- Industrial pretreatment programs
- Prepare/revise sewer use ordinance

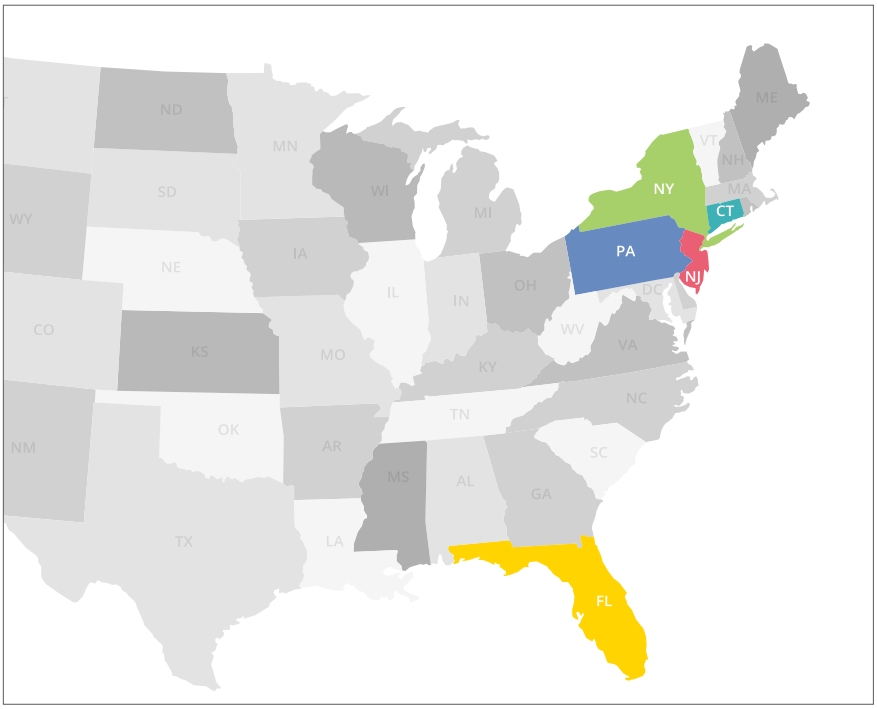
Water Engineering

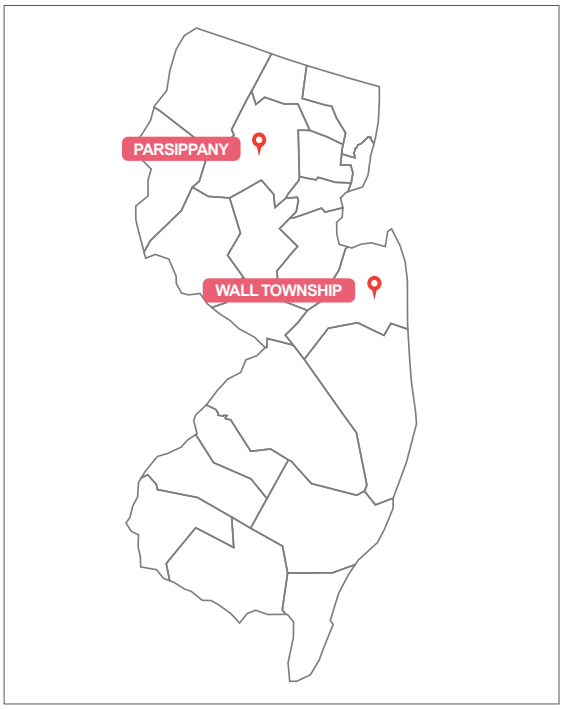
- Supply well design
- Plant rehabilitation design
- Water treatment systems
- Water filtration systems design
- VOC removal treatment systems design
- Distribution system analysis and design
- Distribution hydraulic modeling
- Automated mapping/facilities mapping
- Storage tank rehabilitation/repainting
- Storage tank design
- Tank and coatings inspection
- Instrumentation and computer control designs
- Comprehensive groundwater modeling
- Geographic Information Systems (GIS)
- Aquatics and park design
- Public swimming pool design
- O&M programs
- Training programs
- Asset management



Distance from our Parsippany, NJ office to the Bayonne Housing Authority, and 12 miles from our NYC office

H2M Office Locations | New Jersey Offices





538 Broad Hollow Road, 4th Floor East
Melville, NY 11747

230 West 38th Street, 14th Floor
New York, NY 10018

737 Roanoke Avenue
Riverhead, NY 11701

2 Executive Boulevard, Suite 401
Suffern, NY 10901

1133 Westchester Avenue, Suite N-210
White Plains, NY 10605

433 River Street, Suite 8002
Troy, NY 12180

119 Cherry Hill Road, Suite 110
Parsippany, NJ 07054

4810 Belmar Boulevard
Wall Township, NJ 07753

360 Bloomfield Avenue, Suite 406
Windsor, CT 06095

951 Yamato Road, Suite 202
Boca Raton, FL 33431

100 S. Ashley Drive
Tampa, FL 33602

333 SE 2nd Avenue
Miami, FL 33131

301 Grant Street, Suite 270
Pittsburgh, PA 15219

The Core of Excellence is an H2M exclusive initiative that sets us apart from the competition with a focus on excellence and quality as a core element of our services. It's a firm-wide commitment to deliver excellence through innovative and best-in-class service to our clients, colleagues, and ourselves. H2M's Core of Excellence is comprised of five key components:

QA/QC

We demonstrate our commitment to ensuring quality at the corporate level through our appointment of a full-time Director of Corporate QA/QC to lead the development, implementation, and oversight of H2M's Quality Management System (QMS). This commitment is further reinforced by established quality assurance team members who, independent of the project design team, assure that H2M's components of quality are incorporated. H2M's QMS is comprised of a combination of processes, tools and resources available to all H2M staff. These include Quality Control Checklists, established QA/QC communication channels, and templates all made accessible thorough H2M's comprehensive Project Management Framework.

SCHEDULING

We recognize the importance of timely project delivery and take great pride in our ability to quickly mobilize, assign staff, and complete projects on time. H2M developed a custom scheduling interface allowing for consistent data inputs from the entire firm on a bi-weekly basis. This is transitioning to a centralized scheduling database that allows real-time total team scheduling updates and awareness, allowing H2M to actively adapt our resources to meet the needs of even the most demanding project schedules. We can share detailed, easy to read graphic schedules with our clients, allowing them to always have their finger on the pulse of their project's timeline.

SPECIFICATIONS

Our focus and commitment to excellence and quality is further reflected in our Master CSI-based Specifications Library. A dedicated, full-time Specifications Manager oversees the continual development, standardization, and maintenance of our Master Specifications. H2M utilizes a cloud-based specification software platform that allows all users direct access to our Master Specifications Library to develop project-specific spec books. This process ensures that our project specifications include the latest updates in product data and reference standards.

BIM/CAD

Building Information Modeling (BIM) has revolutionized the A/E/C industry. By using intelligent 3-D digital models to generate our designs, H2M can achieve a higher level of quality, consistency, and efficiency in our production process, minimizing the potential for change orders during construction. We employ a full-time, dedicated, and independent team comprised of design professionals and BIM-CAD specialists whose primary responsibilities are to create, deploy, and maintain company-wide standards, templates, procedures, and workflows. Our adoption of BIM has been the single most important change in how we design and manage our projects.

SAFETY

Safety is essential at H2M. We employ a dedicated corporate health and safety manager within the Core of Excellence. H2M has established mandatory safety training and is actively implementing the Plan-Do-Check-Act methodology. By incorporating safety into our overall quality management systems, we ensure that all of our staff can get home safely each day and that we proactively respond to our clients' health and safety requirements.

CLIENT BENEFITS

- ★ **Well-coordinated construction documents that reduce project change orders and minimize cost overruns**
- ★ **Consistent quality and proven performance**
- ★ **Optimized resource allocation to meet project demands**
- ★ **Increased compliance with the latest industry and regulatory standards**
- ★ **Enhanced project visualization via 3D modeling**
- ★ **Improved collaboration among all project stakeholders**

Organizational Approach

The organization of personnel and resources within H2M has been assembled to bring together a complete team of professionals that can focus on each one of the project's specialized program objectives, as well as respond to unanticipated circumstances or issues should they arise. The projects will be carried out under the direction of the Project Manager and delivered by senior staff professionals.

The H2M team will be led by our proposed Principal-in- Charge Joseph A. Manzella, P.E., LEED AP. Mr. Manzella has 30 years of experience directing the preparation of specifications and plans for the design of mechanical, plumbing, and HVAC systems. In his current role as Public Agency Market Director, Mr. Manzella oversees all our contract work with federal, state, and city public agencies. Christopher Coke, Practice Leader, will serve as the Client Contact for this contract with his 20+ years of experience with working in the public works sector, specifically in the State of New Jersey.

For this term contract, we have identified several lead project managers in our organizational chart who cover a broad range of engineering and architectural specialties. These individuals have numerous years of experience serving the public agency market and have managed projects including public housing, rehabilitation and treatment, emergency response, athletic and pool, and library and classroom facilities. Depending on the type of project required, our Principal-in-Charge will select the most appropriate Project Manager.

The role of our Project Manager is summarized below:

- Act as the primary contact for the project.
- Prepare a Project Plan for the purpose of introducing the project to the project team members. The Project Plan is an internal H2M document that provides all the necessary introductory information that the team requires to get an understanding of the project and project requirements.
- Conduct a project kick-off meeting and periodic internal project meetings to discuss the project and coordinate project work.
- Manage and coordinate H2M and subconsultant personnel, consisting of all in-house architectural and engineering disciplines and subconsultants during all phases of the project, from schematic design through construction.
- Schedule tasks to make sure work can be completed systematically and efficiently.
- During active stages of the project, hold internal project meetings (typically weekly) with the various team members to discuss project status and progress, address questions and issues on the project, identify questions that need to be presented, and to obtain resources, as necessary, to maintain the project schedule.
- Plan, schedule, and attend periodic meetings with the Housing Authority, facility personnel and other relevant parties to the project to review and discuss the project's progress and convey information to and from the project team to execute the project.

- Review design development and construction documents, drawings, and specifications for code compliance as well as program and budget requirements.
- Monitor progress of the bidding, award, and construction administration phases and provide technical guidance.

The remaining project team to be assembled for this effort includes architects and engineers, all with extensive experience in building renovations and public bid work.

Management Approach

► Project Communication

The Project Plan provided to the design team is used to describe the project and scope of services that will be provided; identify the responsibility of each team member; indicate the project schedule and milestones; indicate task budgets; indicate review and regulatory approvals that will need to be obtained; and describe critical project issues to assure that the projects intentions are clearly communicated.

The Project Manager and project team use the provided Project Plan throughout the project, to ensure that all team members maintain a clear understanding of the project scope, schedule, responsibilities, coordination requirements, and client expectations. Additionally, regularly scheduled progress meetings are held with the design team and include a QA/QC reviewer to facilitate coordination and resolution of problems and monitor the overall progress of the design. Furthermore, the Project Manager will utilize meetings with the client to communicate the progress of the design, discuss selections made, options presented, information gathered, and discuss any further issues as they relate to the project.

► Project Scheduling

Many clients have stated that the ability to deliver a quality product on time is the single most key factor in the selection of an A/E firm. We take pride in our ability to quickly mobilize, assign staff, and complete projects under some exceedingly difficult schedules. Since we also believe that the ability to deliver a quality product on time is one of the most important factors to a client, we put a great deal of effort into maintaining a corporate schedule. Our project managers, principals, and department managers continuously review the status of all the active design projects and address conflicts, delays, workforce needs, coordination between departments, and other issues that impact a project's schedule.

► Quality Assurance/Quality Control

H2M has long recognized the importance of quality control and is always striving to strengthen and improve the quality of our work. We have implemented a formal QA/QC program. Joseph Lamagese, AIA, QA/QC Director, will be the lead QA/QC officer for the contract, which will include monitoring the project's execution and conducting an independent review of all construction documents prepared for the project. The concept of the program is to instill quality at the grassroots level and implement procedures that will minimize dependence solely on "end of project checking." One of the key QA/QC procedures followed by our team is the requirement to prepare a Project Plan for all design projects. The purpose of the Project Plan is to:

- Describe the project and scope of services that will be provided to the client.
- Identify the project team.
- Identify the responsibility of each team member.
- Indicate the project schedule and milestones.
- Indicate task budgets.
- Indicate review and regulatory approvals that will need to be obtained.
- Describe project issues.

The Project Plan is then used as the agenda for the project kickoff meeting. This ensures all team members have a clear understanding of the project scope, schedule, responsibilities, coordination requirements, and client expectations. Regularly scheduled progress meetings are held with the design team to facilitate coordination and resolution of problems and monitor the progress of the design. All design projects are thoroughly reviewed by the department manager of each of the project disciplines (e.g., electrical, mechanical, structural, architectural) before the Project Manager reviews it. Upon completion of their review a final independent QA/QC review is performed. The review focuses on document coordination, constructability, document clarity and minimizing client exposure to claims, and includes review of subconsultant work.

The use of checklists, standard details and standard drawing format, CAD standards, establishment of client standards, Master Division One Specifications, and formal procedures for feedback from construction inspection help us identify design improvements that can be implemented on future projects. Other procedures are also successfully utilized to help control the quality of our work.

► Working with Facility Personnel

As design professionals, H2M strives to listen, assist, guide, and recommend solutions for our clients in all aspects of architecture and engineering. One of the ways we have success in developing the best solutions is through our ability to design projects using input directly from those that manage the facility and the end users, partnering with those individuals during the design process so the final product is one that is visually appealing, organized, well-constructed, efficient, and economical.

► Quality of Construction

The quality of construction is important for a professional to understand so the end-product is one that fits the needs and requirements of the end user. In some cases, quality may mean a particular product or material. Quality does not necessarily have to mean expensive, because with proper planning or design, quality may be able to be achieved just by making a design simple or less complicated. Obtaining the level of project quality that the end user desires is a process, one that we are experienced in assisting with. During the project programming process within the schematic design phase, we seek to determine the expected levels of quality expected by the Bayonne Housing Authority so that this information can be incorporated into the design. Our prior experience with the type of work desired allows us to provide insight and suggestions to the client, and often we take our clients to visit our completed projects so that they can see an example of what we can design. It is important for our clients to understand what they are getting, what level of quality is being described and what is being designed. We have a long history of working with our clients to develop solutions this way, so that the final product suits the needs of the end user.

► Managing & Responding To Work With Little Notice

With a staff of over 580 architects, engineers, planners, specialists, and support professionals located within the surrounding metropolitan area, H2M is ready to respond to the Housing Authority. Division Directors, Department Managers, and Project Managers manage our operations, each with the authority to distribute work and manage the efforts of our employees. Having architecture and engineering under one roof allows us to establish teams who are experienced in working together daily and who can respond efficiently when a client calls. A Project Manager will always be assigned to coordinate directly with the Housing Authority and manage the efforts of our project team. For over 90 years, H2M has taken pride in our quick response to clients during their time of need. Being heavily involved in water supply, wastewater facility operations, emergency services operations, educational facilities, etc., we understand the importance of immediate service.

Our Technology

For 25+ years, we have utilized AutoCAD products featuring two- and three-dimensional CAD software for our building designs. We maintain a library of standard details, manufacturers' details, and symbol libraries to help in the creation of our drawing files. Using state-of-the-art computers, printers, and plotters, we accomplish the varied needs of clients from traditional building design to GIS mapping and more. Our BIM Team uses AutoCAD and Revit with rendering programs along with RIB SpecLink.

Newforma - H2M utilizes Newforma, a project information management system to facilitate our staff's ability to file and manage project information. The primary benefits are more efficient document management and retrieval, email management, and construction contract administration. During construction, Newforma is utilized for electronically transmitting shop drawings and other submittals and RFIs. Submittal and RFI logs are automatically created, and all project information is easily transmitted and stored electronically with easy access by the owner, architect/ engineer, and contractor.

BIM - One of the primary benefits of using BIM for design is the ability to create a design virtually, prior to building it physically. This provides the design team with the opportunity to work out problems prior to construction, simulate, and analyze potential options with the client, and optimize the design. BIM is not only a 3D modeling and visualization tool. A Building Information Model can access all pertinent graphic and non-graphic information about a facility as an integrated resource, eliminating re-gathering, re-inputting, and reformatting of facility information. Three-dimensional models provide massing of objects that depict the design visual representation only. BIM objects are intelligent and parametric. While more often used for new facilities, BIM has been used successfully for renovations as well. Advantages of using BIM include:

Better Design Visualization - During the preliminary design stage we can produce 3D models and renderings to allow clients and designers to visualize the project. This enables quicker decisions, allowing designs to move forward. We have prepared "design walkthroughs" which improve the ability for designers to predict how users will react to and interact with a building. During the construction documents phase, designers can optimize the layout of equipment and better visualize design options when seen in 3D and objects are intelligent. Clash detection tools and viewing the completed design model in 3D and can also improve the QC process.

Improved Information Flow & Design Communications - A unified description of the building can be presented by the model, and all designers are accessing the same database to design. Design communications are improved due to clarity of 3D presentation and unified building information which allows the entire design team to see how the project components work together. A clearer understanding of the project is presented which helps minimize errors, improve production, and promote informed decisions.

Design Validation/Conflict Resolution/QC - Design solutions can be "constructed virtually" to work out problems before project is physically constructed. Clash detection/ conflict resolution is enhanced since objects can be drawn to exact dimensions and precisely located. Typically, structural steel, ductwork, lighting, etc. have not been drawn to scale in 2D CAD drawings). QC reviews are enhanced by the ability to view design from any angle.

What makes a successful project?

H2M offers expert knowledge combined with **broad-scale industry coverage**. Our firm is comprised of **specialized market sectors**, crafted to deliver specific skills and expertise for each of our clients, with the backing of H2M's **network of extensive resources**. Specialized disciplines provide holistic services, tailored for each client's unique needs. H2M remains agile and forward thinking, always striving to meet both current demands and future trends. We are dedicated to providing innovative and sustainable yet practical solutions.

H2M's design practice is built upon balance: the balance between form and function, creative and practical, and the environment – both natural and built. Our design philosophy promotes an **Integrated Design Approach (IDA)** where we consider the impacts and co-benefits of all disciplines involved, resulting in **well-coordinated and holistic solutions**. We view design as a collaborative practice, which we undertake not just FOR our clients, but WITH our clients; an iterative process in which challenges and needs are systematically identified and solved through design.

Integration with Design & Analysis Software - Models can be linked to structural analysis software. If structural analysis software identifies structural members that are undersized, corrections can be updated to the model automatically. Data can be extracted directly from the model into HVAC software to analyze energy consumption. Changes in the design can be readily evaluated to determine the impact on energy consumption. Cost estimating can be improved by object based intelligent models which allow for accurate quantity takeoffs for materials and assemblies.

Building Management/Operations - BIM can be used to store valuable information regarding every component of a building. This can allow facility managers to utilize the completed as-built BIM files to assist in maintenance and operation of the new facility equipment.

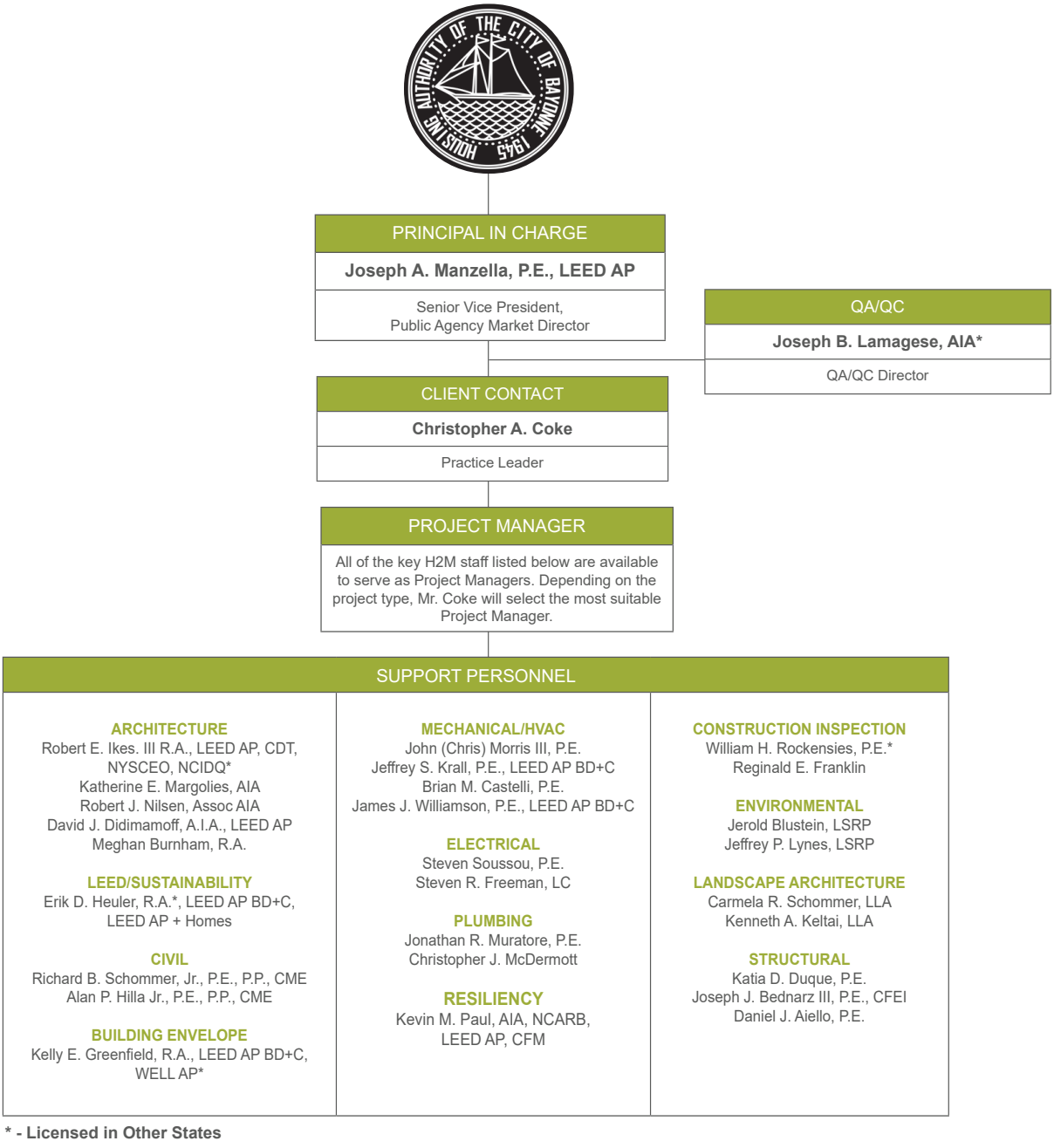
Our BIM approach is straight forward. The first step is to determine if the project should be designed using BIM. If it is decided to be advantageous, we will discuss BIM at the early stage of design. This discussion will include the information desired to be part of BIM, who intends to use it, and how it will be used. We then develop a BIM execution plan for the project along with specific guidelines that will be adhered to. The BIM model will be shared by the team with permissions for various items of the model assigned to the different users.

Financial Capacity

H2M is a financially healthy company and finances its own activities. Financial statements are included later in our proposal.

► Organizational Chart

An important factor that helps H2M deliver well-coordinated and well-executed projects in a timely manner is that all key personnel required for a project assignment can be found under one roof. Our in-house expertise allows us to establish consistency and continuity on each project we undertake. H2M currently has a staff of over 580 individuals, including senior level professionals certified in all aspects of architecture and engineering. The organization of personnel and resources within H2M has been assembled to bring together a complete team of professionals that can focus on each one of a project's specialized program objectives, as well as respond to unanticipated circumstances or issues should they arise.



*** - Licensed in Other States**

Resumes and licenses for the above referenced personnel are provided following this page.

Joseph A. Manzella P.E., LEED AP

Senior Vice President, Public Agency Market Director

As the Director of the Public Agency Market at H2M, Mr. Manzella's responsibilities include client management, contract execution, business development, planning, and quality control. He is a mechanical engineer with 30 years of experience directing the design and construction of mechanical, plumbing, and HVAC systems for office buildings, industrial facilities, hotel and multi-family facilities, medical facilities, laboratories, school and fire district facilities, municipal, private, and special use facilities. Mr. Manzella also brings expertise in plumbing design, including the design of sanitary and domestic water piping systems; storm drainage; traps and interceptors; natural gas piping; and backflow prevention devices. He currently serves as the Principal-In-Charge for the majority of the Public Agency work at H2M, ensuring that our clients are receiving quality services.

Education

M.B.A., Business Administration; Dowling College

B.S., Mechanical Engineering; Polytechnic University

Licenses/ Certifications

Professional Engineer: NY, NJ, CT, PA, DE, FL, MA, VA

LEED Accredited Professional, USGBC

Memberships

Board of Directors, ACEC New York

Secretary, Board of Directors of ACEC New York – Long Island Chapter

American Society of Heating, Refrigerating and Air-Conditioning Engineers

U.S. Green Building Council

Selected project experience

- New York City Housing Authority (NYCHA) Steam Boiler Upgrades; New York City, NY: Principal-in-Charge for the upgrade of the existing steam boilers at several NYCHA facilities, including Fiorentino Plaza, Bayview Houses, Lehman Houses, and Bronx River Houses. Design work included new gas-fired central plant steam boilers; upgrade and replacement of all ancillary equipment such as condensate pumps, boiler feedwater tanks, and steam plant controls; removal of existing fuel oil storage tanks; de-coupling of remote domestic hot water heat exchangers; installation of new domestic hot water heating boilers and storage tanks; installation of new gas services; asbestos and lead abatement; and all associated structural and electrical improvements.
- NYCHA Water Tank Replacements; New York City, NY: Provided executive oversight for the mechanical design necessary for the replacement of the existing roof water tanks at several developments, including Brevoort Houses, East River Houses, Conlon LIHFE, and Wilson Houses. The design focused on replacement of the existing wood roof-top water tanks with new glass lined steel tanks for extended life expectancy. Existing roof piping and valves were replaced as necessary (along with structural enhancements) to support the new tanks.
- NYCHA Citywide Ventilation Upgrades; New York City, NY: Principal-in-Charge for ventilation upgrades at several NYCHA facilities. This effort is part of a larger NYCHA initiative to replace existing toilet and kitchen exhaust fans and clean the existing ductwork at all housing sites.
- NYCHA Queensbridge North and South Elevator Rehabilitation; Long Island City, NY: Executive oversight of vertical transportation design services for the rehabilitation of 96 existing elevators in six-story buildings for the NYCHA. Each elevator machine room (EMR) will receive a new controller and governor components, electrical upgrades, and smoke exhaust system.
- NYCHA Meltzer Tower, Hernandez Tower, and Amsterdam Houses Elevator Rehabilitation; Manhattan, NY: Vertical transportation design services for various NYCHA developments. Buildings range from six to 20 stories.
- NYCHA Roofing Upgrades; New York City, NY: Overseeing design and construction administration services for the replacement of roofs at various apartment complexes, including Gompers Houses, Morris Houses, and Moore Houses. The upgrades focus on slopes, roof drains, vents, bulkheads, door and window openings, compactor stacks, water towers, lightning protection, cables, and IT equipment based upon H2M's recommendations during the existing conditions surveys.
- Bristal Assisted Living New Assisted Living Building; New York, NY: Reviewed the mechanical designs for a new 14-story assisted living building at 86th Street and York Avenue. The design satisfied the requirements of the New York City Department of Buildings, and included complete HVAC drawings, details, and specifications for the new building's systems. Supplemental ductless split cooling units will be provided in the commercial kitchen. The HVAC design included the commercial kitchen, exhaust hood, and make-up air systems and associated chemical fire suppression; as well as design of the commercial laundry exhaust system.

Next ⟶

Joseph A. Manzella
P.E., LEED AP

Senior Vice President,
Public Agency Market Director

- New York City Health and Hospitals (NYCH+H) Exterior Envelope Services Term Contract; New York City, NY: Providing executive oversight for projects involving major or minor rehabilitation and/or replacement of façades, roofs and/or roof-related assemblies, windows and/or window assemblies, and interior spaces that require work due to damage to, or deterioration of, façades, roofs and/or roof-related assemblies, or windows and/or window assemblies at NYCH+H facilities.

- DASNY C.K. Post Addiction Treatment Center Steam Utility Upgrades; Brentwood, NY: Oversaw the investigation of the existing HVAC systems, including steam distribution and air handling units (AHUs) at the Charles K. Post Addiction Treatment Center. Provided recommendations for improvements to the existing HVAC systems, new VFDs for selected air handlers, new stream traps, improved control for steam distribution, and new building management system for the 90,000 square foot facility.

- United States Postal Service (USPS) Indefinite Delivery Contract; Various Locations: Project Engineer, Project Manager, and Principal-in-Charge for a USPS architectural and engineering term contract that H2M has held since 1994. The facilities range in size from approximately 100,000 square feet to 1.6 million square feet. Along with architectural design, many of the USPS projects require engineering expertise in civil, structural, electrical, HVAC, and plumbing design, and construction administration and inspection. Projects include:

    - Springfield Air Compressor; Springfield, MA: Project Director for the replacement of the existing compressed air plant at the 1 million square foot Springfield Massachusetts NDC. Project included the replacement of existing compressors, air dryers, ventilation fans, receiver tanks, and oil water separators. Coordinated with the USPS to maintain compressed air supply during construction.
    - Bronx ESPPA Facility: HVAC system investigation and design for upgrades to this USPS facility. Upgrades included the replacement of existing split system HVAC units, rooftop HVAC units, and re-design of existing ductwork to improve air distribution.
    - HVAC System Upgrades: Upgrades included the replacement of existing rooftop HVAC units associated ductwork, and controls for the Soundview Station, Parkchester Station, and Wakefield Station post offices.
    - New Compressed Air Systems: Designed new compressed air systems to serve the Western Nassau, Mid-Island, Bronx, Newburgh, Queens, and JFK Airport bulk mail facilities.
    - Chiller Plant Upgrades: Chiller plants were upgraded at the Bronx General Post Office and the Jamaica Main Post Office.

- The Trust for Governors Island Existing Conditions and System Studies; Governors Island, NY: Principal-in-Charge for:

    - Building 108: An evaluation of the existing HVAC systems serving Building 108 on Governors Island. The Trust is looking to completely replace the current systems which serve the 32,000 square feet facility while meeting the goals of improved efficiency, optimized ventilation for COVID-19 health and safety, and integrated controls through a central Building Management System.
    - Electric Metering Study: At the same time, H2M also performed an investigation in connection with campus-wide electric submetering. The main electric service to the Island is currently master metered with minimal use of submeters on the campus. To better monitor and understand the electric usage at the various buildings on the Island, H2M developed options for providing sub-metering at approximately 45 buildings, including an option for central monitoring.
    - Building 107: H2M's architects and engineers conducted a multi-discipline investigation of the 10,145 square foot building to assess the architectural, structural, mechanical, electrical, plumbing, and environmental conditions.

- New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP) Environmental Education and Resiliency Visitor Center; West Hempstead, NY: Reviewed the mechanical design for a state-of-the-art, 8,000-square-foot Environmental Education and Resiliency Center, which serves as a centralized destination for the visitors and staff of Hempstead Lake State Park. Sustainable building systems include roof-mounted photovoltaic panels, efficient LED lighting, low energy use equipment and fixtures, and an electric vehicle charging station.

- City University Construction Fund (CUCF)/CUNY Baruch College/DASNY Cooling Tower Replacement; New York, NY: QA/QC Reviewer for the replacement of two cooling towers at Baruch College to provide full redundancy.

- DASNY/CUNY Baruch College Booster Pump Replacement; New York, NY: Reviewed mechanical drawings and specifications for the replacement of the domestic water booster pumps at the Newman Vertical Campus at Baruch College.

License Information

Accurate as of May 06, 2024 2:40 PM

Return to Search Results

Name: JOSEPH A MANZELLA

Address: Holtsville,NY

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE04764600

License Status: Active

Status Change Reason: License Issuance

Issue Date: 11/19/2008

Expiration Date: 4/30/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6460

Documents

No Public Documents

Christopher A. Coke

Practice Leader

Mr. Coke is an experienced professional with a background as the Director for both the Department of Public Works and Engineering as well as Executive Director to the Board of Water Commissioners in East Orange, NJ. As Director of Public Works and Engineering in Paterson, NJ, he managed a staff of over 300 people that included various divisions and disciplines. Mr. Coke has led many notable projects throughout his career, including relocation of a 5,000 ton historic building at Newark International Airport, developing a rehabilitation scope for the 10,000 seat Hinchliffe Stadium's Sports and Business Academy, and a large-scale rehabilitation for the East Orange Golf Course and Clubhouse. In his role as Practice Leader, Mr. Coke is responsible for growing, developing, supporting, and enhancing H2M's market presence, specifically targeted toward New Jersey Municipalities and Utilities. He provides project management expertise, business development proficiency, client relations management, and coordination of H2M's services.

Education

B.S., Civil Engineering; New Jersey Institute of Technology

Memberships

City of Paterson, Former Planning Board Commissioner 2008-2010

American Society of Civil Engineers (ASCE) NJ Former Younger Member Group Treasurer 2000-2005

National Society of Black Engineers (NSBE) Former Central/North Jersey Alumni President 2000-2005

New Jersey Institute of Technology President's Advisory Board Member

Honors/Awards

ASCE, NJ Young Engineer of the Year 2002

Congressional Recognition Award, NJ 8th District

City of Paterson City Council Award for Merit and Private and Public Service

Graduate of Prudential Entrepreneurs Program

Selected project experience

- City of East Orange Department of Public Works/Water Department; East Orange, NJ: As the former Director/Executive Director, managed a capital budget of more than $37 million a year and approximately 130 employees. Implemented strategies to increase efficiency in multiple divisions. Engaged state entities to obtain funding for over $35 million in water improvements. Communicated with media and public to address customer and constituent issues. Successfully negotiated with the New Jersey Department of Environmental Protection (NJDEP) on water issues related to ongoing litigation and water allocation. Developed and managed public bids to secure vendors to provide various services and goods. Developed strategies to lower cost through in-sourcing work performed by current staff resulting in approximately $300,000 savings over two years. Facilitated sewer conveyance agreement with the City of Newark for 2/3 of the municipalities flow, settling a 10-year dispute. In addition, coordinated with the Passaic Valley Sewerage Authority (PVSC) for installation of sanitary sewer meters to obtain accurate sewer volumes and reduce operational issues related to Fats Oils Grease (FOG) as part of a process to settle litigation with the City of Newark for wheeling fees.
- City of Paterson Department of Public Works; Paterson, NJ: As the former Director, managed 300 employees across nine divisions: Engineering, Water and Sewer, Traffic and Lighting, Streets and Roads, Parks and Shade Tree, Cable Communications, Recreation, Recycling, Auto Maintenance and Public Properties, and the Office of the Public Works Director. Managed an annual budget of approximately $16 million, reducing the budget each fiscal year. Oversaw numerous capital improvement projects with costs upwards of $5 million. Implemented cost-cutting measures, including inventory accountability to reduce annual cost of repairs and limiting repurchasing of equipment and material. Strengthened relationships with County, State, and other government counterparts to collaborate on various roadway improvement projects. Increased in revenue through effective monitoring and uniformed reporting of revenue streams with emphasis placed on accountability. Effectively managed grants awarded by County, State, and Federal agencies. Managed construction and maintenance of various Combined Sanitary Overflows (CSOs) along Passaic River. In addition, managed emergency response and repair of 24" force sanitary main as part of the Operation of Emergency Management response to Hurricane Irma.
- NJDOT Route 78 Truck Weigh Station; Warren County, NJ: Developed demolition and erection plans and elevations for the repaving of a six-lane interstate roadway and widening of a bridge structure for the New Jersey Department of Transportation (NJDOT). Verified documented material quantities using CAD and spreadsheet programs that tracked discrepancies. Compiled information and analyzed data utilized to recoup cost related to overages of quantities in contract documents.
- PANYNJ Goethals Bridge Modernization; Elizabeth, NJ: Utilized AutoCAD and various imaging software to create presentation format for final submission of design documents for the $350 million (est.) modernization of the Goethals Bridge.
- PANYNJ Southern Access Roadway Project; Newark, NJ: Designed interchange ramps and access roadways to Newark Liberty International Airport and surrounding properties for this $20 million project. Utilized 3D technologies to develop renderings of project.
- NJDOT 1st and 2nd Street over NJ TRANSIT; Newark, NJ: Coordinated efforts to locate existing utilities and determined relocation and/or replacement as part of a $2 million bridge rehabilitation project. Developed utility agreement plans for delivery to various utility companies.
- Paterson Board of Education Hinchliffe Stadium Sports & Business Academy; Paterson, NJ: Created rehabilitation proposal for a, $25 million 10,000-seat sport stadium. Proactively set up and coordinated meetings with city officials and design consultant management to discuss potential project.

Joseph B. Lamagese AIA

QA/QC Director

Mr. Lamagese has more than 35 years of experience in the design management and oversight of a wide variety of project types, including municipal, commercial, and private sector projects, as well as educational and religious institutions. He has experience teaching and mentoring staff on code compliance, building design, and system integration. His primary role is to manage, implement, and oversee standards and procedures across the company from a project start to completion. His attention to detail, strong leadership skills, and organizational methods are elevated to hold the company to a higher standard.

Education

B.S., Architectural Technology; New York Institute of Technology

A.S., Construction Engineering Technology; SUNY Farmingdale

Licenses/ Certifications

Registered Architect: NY

Memberships

American Institute of Architects

Selected project experience

- Melville Corporate Center; Melville, NY: Project Manager and Architect responsible for conditions assessment and recommendations followed by programming design and construction administration phase services for the conversion of an old bakery factory to a Class A, 150,000 square foot office building. The project included the addition of a second floor and complete facade renovation. The design incorporated a two-story atrium space that served as a cyber cafe as well as the main entrance lobby to the building.
- Gabreski Air National Guard; Westhampton Beach, NY: Project Manager and Architect responsible for managing a multi-disciplined design-build team in developing the construction documents for a two story, 40,000 square foot facility that would serve as a new headquarters for the Air National Guard. The project also included a separate 28,000 square foot vehicle maintenance/aerospace ground equipment facility to house the aircraft and vehicle maintenance operations.
- NYSOPRHP Jones Beach West Bathhouse; Wantagh, NY: Project Manager/Architect responsible for conditions assessment and recommendations report followed by design and construction administration phase services for repair and renovation work including a complete roof replacement, masonry facade restoration, cast stone repairs and replications, window and door replacements, structural repairs, and ADA compliance upgrades including ramps and elevator installation.
- NYSOPRHP Hither Hills State Park Bathhouse; Montauk, NY: Project Architect provided programming, design, and construction administration phase services for a new 26,000 square foot bathhouse and visitors' center, including men's and women's toilet and shower rooms. The project also included the restoration of a historic structure for use as a concession stand involving the replacement of damaged and decaying wood deck piles.
- NYSOPRHP Jones Beach Field 6 Bathhouse; Wantagh, NY: Project Manager and Architect responsible for conditions assessment and recommendations report followed programming design and CA phase services for repair and renovation work including a masonry facade restoration, replications, window and door replacements, structural repairs, and ADA compliance upgrades including fully redesigned showers and restrooms.
- New York State Office of General Services Pilgrim Psychiatric Center Building; Brentwood, NY: Project Manager and Architect responsible for providing conditions assessment and recommendations followed by programming design and construction administration phase services for the removal of two 2,000 square foot brick, steel, and glass porch/skylight enclosures and restoration of the building envelope to address water infiltration problems. The scope of work involved design for the complete removal of these structures, roof replacements, window replacements, scoping replacements, and repairs to the masonry facade.
- Rose Caracappa Wellness Center; Mt. Sinai, NY: Project Manager and Architect responsible for providing programming, design, and construction administration phase services for a new 12,200 square foot senior center for the Town of Brookhaven. The facility included kitchen facilities, a recreation room, an adult day care facility, and administrative space.
- Suffolk County Department of Social Services; Ronkonkoma, NY: Project Manager and Architect responsible for providing programming design and construction administration phase services for a new 130,000 square foot four story office building to accommodate the needs of several agencies for Suffolk County Social Services. The design met the specific needs of each agency, allowing them to function together while forming a central point of contact for the public.

Robert E. Ikes, III R.A., LEED AP, CDT, NYSCEO, NCIDQ

Vice President, Deputy Discipline Director - Private Sector Architecture, NYC Office Director

Mr. Ikes is an architect with more than 25 years of experience. As a Vice President and Director of H2M's New York City regional office, he is responsible for the financial success and growth of the office. Mr. Ikes oversees all disciplines within the NYC office and provides design and technical support leadership. His project involvement includes maintaining client relationships, project management, code compliance, and architectural and interior design. Additionally, Mr. Ikes serves as Deputy Discipline Director responsible for overseeing one of H2M's architectural discipline groups. As a LEED accredited professional and New York State certified Code Enforcement Official, Mr. Ikes' expertise in sustainable design and code compliance is a great resource for staff and clients.

Education

B.Arch.; New Jersey Institute of Technology

Licenses/ Certifications

Registered Architect: NY

LEED Accredited Professional, USGBC

Project Management Training Program, H2M

Construction Documents Technologist (CDT)

NYS Code Enforcement Official (NYSCEO)

OSHA 10-hour Construction Safety & Health

NCIDQ Certified Interior Designer

Memberships

National Council of Architectural Registration Boards (NCARB)

National Council of Interior Design Qualifications (NCIDQ)

Selected project experience

- New York City Housing Authority (NYCHA) Smith Houses and Astoria Houses Sandy Recovery Program; New York and Queens, NY: Responsible for a feasibility study and design for flood mitigation protection at the Astoria Houses in Queens and Smith Houses in Manhattan. The two campuses include a total of 34 buildings (22 at Astoria Houses, and 12 at Smith Houses), of which a total of 12 buildings were affected by Hurricane Sandy. The goal was to integrate materials and systems to harden the existing structural infrastructure and increase resiliency to protect the buildings from future storm surges and flood damage.
- New York City Housing Authority (NYCHA) Gompers Houses Roof Replacements; New York, NY: Responsible for the design of roof and roof railing replacements at the three buildings of the Gompers Houses totaling approximately 24,500 square feet.
- New York City Housing Authority (NYCHA) Queensbridge North and South Elevator Rehabilitation; Long Island City, NY: Provided vertical transportation design services for the rehabilitation of 96 existing elevators in six-story buildings for the NYCHA. Each elevator machine room (EMR) received a new controller and governor components, electrical upgrades, and smoke exhaust system.
- New York City Housing Authority (NYCHA) Coney Island and Marlboro Houses Trash Hoist Replacements; Brooklyn, NY: Provide design services for trash hoist replacements with vertical reciprocating conveyors at 22 buildings across two NYCHA developments, Coney Island and Marlboro Houses. The systems were designed as fully enclosed cabs that lift trash from the basement compactor rooms to the first floor for removal.
- Dormitory Authority of the State of New York (DASNY) Design-Build Services for Select Retail Cannabis Dispensaries; Statewide, NY: Served as Design Manager as a subconsultant to Grow America Builders for the design and construction of select cannabis dispensaries throughout New York State. Worked closely with Grow America Builders to prepare construction documents and specifications, as well as manage permit filings for the proposed conversion of each existing space into cannabis dispensaries. Worked with the Social Equity Licensees to develop interior designs and program layouts that highlighted their individual branding. Construction administration and project closeout services were also provided.
- Battery Park City Authority (BPCA) Office Renovation; New York, NY: Responsible for interior design and preparation of construction documents for various renovations to the 24th floor of BPCA's offices. Also responsible for permitting, bidding, and construction administration.
- Township of Neptune Community Building; Neptune, NJ: Responsible for programming and schematic design development for a proposed community building.
- Township of Neptune Marina Building; Neptune, NJ: Designed a new marina facility for the Township of Neptune that provides a place for community meetings, retail space, garage for municipal vehicles, and bathing facilities for the boating community. The original building was damaged during Superstorm Sandy. The new facility is constructed in accordance with FEMA's coastal requirements and is now equipped to withstand potential future storms. The architecture contributes to the overall revitalization of the area along Shark River.

Next ⟶

Robert E. Ikes, III

R.A., LEED AP, CDT, NYSCEO, NCIDQ

Vice President, Deputy Discipline Director - Private Sector Architecture, Office Director

- Private Client New Single-Family Residence; Montclair, NJ: Providing design and construction administration services for the demolition of an existing single-family home and detached garage and construction of a new 5,000 square foot, two-story single-family home with attached multi-car garage and full basement in Montclair, NJ.
- Redmount Equities Homeless Shelter and Adult Day Healthcare Facility; New York, NY: Prepared construction documents for a new homeless shelter and adult day healthcare facility in Manhattan. This project involved the design of a new seven-story building with two cellar floors comprising approximately 78,000 gross square feet of total floor area.
- Bozzuto Management Group Alston Station Square; Ronkonkoma, NY: Provided architectural and code enforcement services related to the multifamily rental renewal required by the Town of Brookhaven's Inspection Standards and Certification for the Alston Station Square development (Buildings 1-6). Worked with the Alston management team to inspect up to 98 residential dwelling units of multiple types and common areas accessible to the public throughout all buildings of the Alston Station Development to determine code compliance with governing codes.
- Erin Construction and Development Co. New Mixed-Use Building; Yonkers, NY: Provided architectural and interior design of a new urban nine-story mixed use building in the Yonkers downtown district. The building's primary use is residential with ground floor retail/business space. Amenities include community space and an outdoor rooftop patio. Designed for commuters, the building is strategically located within walking distance to living essentials, a public bus route, and a rail transportation hub.
- WellLife Network Medford Gardens Supportive Housing; Medford, NY: Provided design services for a 67 unit, three-story supportive apartment building and related amenity spaces.

Katherine E. Margolies AIA

Associate, Senior Project Architect

Ms. Margolies is a senior architect with more than 10 years of experience. Her responsibilities include production and coordination on all phases of design and construction for multiple public and private sector clients including but not limited to design development; site surveying; generating construction documents; code and zoning compliance; preparing specifications; assisting in bidding and contract awarding; construction administration; as well as permitting through local building departments, the New York State Education Department, and New York City Department of Buildings.

Education

M.I.P., Infrastructure Planning;
New Jersey Institute of Technology

B.Arch; New Jersey Institute of Technology

Licenses/ Certifications

Registered Architect: NY, NJ

Memberships

American Institute of Architects (AIA)

H2M Project Management Certification Program Graduate, Project Manager

Honors/Awards

NCARB Grand Prize Studio, "The Box and Beyond" (2010)

New Jersey School of Architecture, Design Showcase (2007 - 2011)

Selected project experience

- Neptune Township Fire District No. 2 Feasibility Study for Olin Street Firehouse; Ocean Grove, NJ: Prepared a report outlining the existing conditions of the firehouse, it's current limitations, and the features desired by the Fire Department. Schematic plans were designed that organized the firehouse in a way that functioned better for its occupants and also maintained with the historic integrity of the community. Design decisions were aided from several meetings with the client and conversations with the town's historic preservation office.
- Borough of Brielle Accessibility Upgrades at Borough Hall; Brielle, NJ: Designed and provided construction documents that enabled this public building to become more accessible to its residents. Work included providing an exterior ramp to the entrance of the building, installing an inclined platform lift at the stairs, creating a compliant public restroom, and designing an area of refuge for emergencies.
- Manasquan River Regional Sewerage Authority – Roof Replacements and Building Improvements; Howell, NJ: Project manager overseeing the design of 8,000 square feet of roof replacements, HVAC system replacements, and ceiling and lighting replacements. Provided construction administration services to coordinate the work of the 3 separate construction contracts this project entailed.
- Housing Authority of Bergen County ADA Upgrades; Ramsey, NJ: ADA upgrades to several housing units, adjacent parking lot, and landscaping. Project includes new concrete ramps and access to the parking lot.
- Orangetown Community Center: Design and development of construction documents for a new 25,000 square foot community center. The center is designed with multiple basketball courts, flexible multipurpose assembly space, fitness center, game rooms, running track and administration offices.
- Mayor's Housing Recovery Office's (HRO) Build It Back Program; Brooklyn, NY: The program is being managed by the NYC Department of Design and Construction (NYCDDC). The program provides CDBG-RDR funding to Sandy impacted homeowners throughout the City for permanent repairs and resiliency measures including home elevations and full reconstructions at elevations above the Base Flood Elevation (BFE). Responsibilities included providing architectural services on Sandy damaged homes ranging from semi-detached to attached homes including documentation of existing conditions, evaluation of available options for raising the lowest flood elevation to above the Base Flood Elevation (BFE), detailed design of proposed elevation/reconstruction option and DOB submittal.
- Dormitory Authority of the State of New York (DASNY) Broad Channel Athletic Club: Construction documents and New York City approvals for the community's athletic facility.
- DASNY – Storm hardening construction and roof replacement projects for several community buildings in Brooklyn, Queens, and the Bronx.
- Design development and construction documents for new pump houses for Rockville Centre Water Department in New York and the Borough of Spring Lake Heights in New Jersey.

NEW JERSEY DIVISION OF CONSUMER AFFAIRS

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License Information

Accurate as of August 31, 2023 11:12 AM

Return to Search Results

Name: KATHERINE E MARGOLIES

Address: Colonia,NJ

Profession/License Type: Architecture,Registered Architect

License No: 21AI02149100

License Status: Active

Status Change Reason: License Issuance

Issue Date: 12/9/2019

Expiration Date: 7/31/2025

NO Board Actions. For more information contact New Jersey State Board of Architects - 973-504-6385

Documents

No Public Documents

Robert J. Nilsen Assoc. AIA

Project Designer

Mr. Nilsen is an architectural designer with experience in all phases of the design and construction process for commercial, public agency, and multi-family residential projects. His experience includes multi-unit apartment buildings, corporate office renovation and fit-outs, and retail. Mr. Nilsen's software expertise includes AutoCAD, Adobe Creative Suite (Illustrator, Photoshop, inDesign), Bluebeam, Grasshopper, Lumion, Revit, and V-Ray.

Selected project experience

- Fashion Institute of Technology Signange Code Compliance Review; New York, NY: Assisting in internal project coordination for a comprehensive signage code compliance review for the four residence halls: Alumni, Nagler, Coed, and Kaufman. Identifying where signage needs to be updated and working with FIT signage consultants, fabricators, and installers to implement the updates. Tasks include assessment of the residence halls, evaluation summaries, evacuation plan development, and coordination and implementation.
- New York City Housing Authority (NYCHA) Amsterdam Houses Elevator Rehabilitation; New York, NY: Designer for the rehabilitation of existing elevators in 13 buildings on the Upper West Side of Manhattan. The buildings vary in height from six to 13 stories tall. Each elevator machine room (EMR) receives new controller and governor components, electrical upgrades, and smoke exhaust system.
- NYCHA Hernandez Apartments and Meltzer Tower Elevator Rehabilitation; New York, NY: Designer for the rehabilitation of existing elevators in two housing developments on the Lower East Side of Manhattan. The buildings vary in height from 17 to 20 stories tall. Each EMR receives new controller and governor components, electrical upgrades, and smoke exhaust system.
- Dormitory Authority of the State of New York (DASNY) Designer for Design-Build Services for Select Retail Cannabis Dispensaries; Statewide, NY: Providing architectural design as a subconsultant to Grow America Builders for the design and construction of select cannabis dispensaries throughout New York State. Working closely with Grow America Builders, preparing construction documents and specifications, as well as managing permit filings for the proposed conversion of each existing space into cannabis dispensaries. Working with the Social Equity Licensees to develop interior designs and program layouts that highlights their individual branding. Construction administration and project closeout services also provided.
- Private Client 36-27 College Point Boulevard; Queens, NY: Acted as Designer during the pre-design analysis, schematic, and design development phase of a new 12-story mixed-use retail, commercial, and residential tower.
- Amazon 424 5th Avenue; New York, NY: Acted as Designer during the construction documentation and administration phase of a renovation and fit out for the historic Lord & Taylor building.
- Private Client 11 Hoyt Street; Brooklyn, NY: Acted as Designer during the construction documentation and administration phase of a new 57-story luxury residential tower.
- Private Client 7 W 57th St; New York, NY: Acted as Designer during the construction documentation and administration phase of a new 16-story, 32,000 square foot luxury residential tower.

Education

Master of Design Studies (Focus: Urbanism, Landscape, Ecology); Harvard Graduate School of Design

Bachelor of Architecture; Rensselaer Polytechnic Institute

Memberships

American Institute of Architects (AIA), Associate Member

University of Hartford, Guest Critic

Honors/Awards

Alpha Rho Chi Medalist, 2020

Publications

"Training a Panacea: Responsible Use of AI in Architecture", Technology & Architecture, AIA NYS Quarterly, 2023

Influx Vol. 2, Selected Works at Rensselaer Polytechnic Institute School of Architecture, 2022

"The Post-Edenic Garden", Reading Beyond..., Harvard Graduate School of Design, 2021

David J. Didimamoff AIA, LEED AP

Assistant Studio Director

Mr. Didimamoff is an architect with nearly 20 years of experience on a variety of project types in New York and New Jersey. His experience includes K-12 schools, private and charter schools, corporate interiors, and retail. He has overseen millions of dollars in construction projects each year. Mr. Didimamoff is well-versed in the New Jersey Building Code as well as New Jersey Department of Education (NJDOE) processes.

Education

Bachelor of Architecture; New Jersey Institute of Technology

Licenses/ Certifications

Registered Architect: NJ

LEED Accredited Professional, USGBC

Memberships

American Institute of Architects

Selected project experience

- Stevens Institute of Technology Howe Building 7th Floor Interior Renovation; Hoboken, NJ: Provided fast-tracked services for the interior renovation of +/- 4,900 square feet of office space. These services included code analysis, design development, construction documents, and construction administration.
- Stevens Institute of Technology Howe Building 8th Floor Interior Renovation; Hoboken, NJ: Provided fast-tracked services for the interior renovation of +/- 2,600 square feet of office space. These services included code analysis, design development, and construction administration.
- Rowan University Campus-Wide Accessibility Program; Glassboro, NJ: Performed a review of accessibility at 15 Rowan University locations and prepared a report of deficiencies for the University to use to develop a capital plan to address the deficiencies.
- Rowan University Central Accumulation Area (CAA) Building; Glassboro, NJ: Designed a prefabricated CAA facility for hazardous waste to address the University's expanding need to manage and control hazardous waste generated by many departments across multiple campuses. The CAA allows for proper collection, storage, handling and disposal of hazardous waste.
- Stevens Institute of Technology DeBaun Athletic Field Complex Lighting; Hoboken, NJ: Led the design of modifications to the electrical power distribution system and stadium lighting controls at the DeBaun Athletic Field.
- Monmouth County Library New Exterior Entrance Canopy; Shrewsbury, NJ: Provided design services for a new exterior entrance canopy at the Monmouth County Eastern Branch Library.
- Borough of Brielle Borough Hall Addition and Renovations; Brielle, NJ: Provided quality assurance/ quality control (QA/QC) for a major renovation and addition to the Brielle Borough Hall. The addition integrated a sally port and new elevator into the section of the building utilized by the Brielle Police Department. Additionally, the project involved making interior alterations, reallocating building space per the new addition, upgrading the building's mechanical and electrical systems, incorporating an emergency generator, and ADA accessibility enhancements.
- Joint Meeting of Essex and Union Counties (JMEUC) Elevator Modernization; Elizabeth, NJ: Provided architectural services for the modernization of the existing passenger elevator within the JMEUC digester building. The intent was to convert the existing elevator from its current passenger use to freight use.
- New Jersey Turnpike Authority (NJTA) Maintenance Yard Improvements Term Contract; Various Locations, NJ: Providing professional services for improvements at New Jersey Turnpike maintenance yards on an as-needed basis to the NJTA. The scope of work for this contract includes construction of new prefabricated metal buildings, clear span fabric structures, and various site improvements at multiple maintenance yards located along the New Jersey Turnpike. The prefabricated metal buildings will be used to store maintenance vehicles. The clear span fabric structures will be constructed on shipping container foundations, which provide additional storage space. The site improvements include concrete ramps for dumpsters, site lighting, and new pavement.
- Greater Mount Zion Community Development Corporation Maternal Center; Trenton, NJ: Responsible for design development for a proposed maternal health clinic and social justice office to be located in a historic building in Trenton, NJ. The renovation of the approximately 18,500 square foot building included the adaptive reuse and renovation of existing spaces.
- Sisters of Charity New Event Hall; Florham Park, NJ: Provided preliminary design, including code and site analysis; design development; and construction administration for a +/- 5,000 square foot event space, lobby, and support space addition to the Mother House at the Sisters of Charity.

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License Information

Accurate as of June 19, 2023 11:10 AM

Return to Search Results

Name: DAVID J DIDIMAMOFF

Address: Hackettstown,NJ

Profession/License Type: Architecture,Registered Architect

License No: 21AI01897500

License Status: Active

Status Change Reason: License Issuance

Issue Date: 12/23/2011

Expiration Date: 7/31/2025

NO Board Actions. For more information contact New Jersey State Board of Architects - 973-504-6385

Documents

No Public Documents

Meghan Burnham R.A.

Associate, Senior Project Architect

Ms. Burnham is an architect with more than 10 years of experience. Her responsibilities include leading and coordinating projects during all phases, including design development; site surveying; construction documents; specification preparations; bidding and contract assistance; and construction administration tasks. Ms. Burnham has taken on a strong role in the Education and Public Safety Markets, where she plays a key role in client development. Her responsibilities within this realm include the production of bond presentations, assisting the client with community support, schematic design, design development, and construction documents. Recently Ms. Burnham has taken a lead role in the development of projects in the New Jersey area. She continues to work alongside numerous clients to ensure their visions for their school districts, municipalities, private clients come to reality.

Education

M.A., Architecture; Roger Williams University

B.S., Architecture; Roger Williams University

Minors: Construction Management, Art History

Licenses/Certifications

Registered Architect: NJ, NY

NCARB Certified

Honors/Awards

H2M President's Award (2021)

LIBN 30 Under 30 Honoree (2018)

Tau Sigma Delta

Roger Williams Academic Showcase (2013 - 2014)

Presentations

1-on-One Pre-Conference: Station Design Conference (2019 & 2021)

Speaker at Stevens Institute of Technology Hugo Neu Corporation Sustainability Seminar Series (2022)

Community Service

Staying Alive 5K - Armonk

Marccum Challenge (2015 - 2019)

Breast Cancer 5K - Shelter Island, NY (2018)

Hope for Youth 5K (2018)

Pitch In for Parks Cleanup (2021)

Head of H2M Women's Leadership Outreach Group

Selected project experience

- Stevens Institute of Technology Howe Building 8th Floor Interior Renovation; Hoboken, NJ: Provided fast-tracked services for the interior renovation of +/- 2,600 square feet of office space. These services included code analysis, design development, and construction administration.
- Stevens Institute of Technology Howe Building 7th Floor Interior Renovation; Hoboken, NJ: Provided fast-tracked services for the interior renovation of +/- 4,900 square feet of office space. These services included code analysis, design development, construction documents, and construction administration.
- Private Client Conceptual Design of New High School Feasibility; NJ: Provided programming, goal setting, conceptual design, cost opinion, and renderings for a new 52,000 square foot High School.
- Habit for Humanity Proposed Single Family Residence; Warren County, NJ: Provided design documents for renovation and building department approval.
- Stevens Institute of Technology Howe Building Presidential Suite Interior Renovation; Hoboken, NJ: Provided fast-tracked services for the interior renovation of +/- 4,900 square feet of office space. These services included code analysis, design development, construction documents, and construction administration.
- Sisters of Charity New Event Hall; Florham Park, NJ: Provided preliminary design, including code and site analysis; design development; and construction administration for a +/- 5,000 square foot event space, lobby, and support space addition to the Mother House at the Sisters of Charity.
- Stevens Institute of Technology Commercial Kitchen Upgrades; Hoboken, NJ: Work included a renovation to existing commercial kitchen in student housing. This fast-tracked project included architectural design and construction documents developed in three phases: preliminary design, including code and site analysis; design development; and construction administration.
- Borough of Metuchen Fire Department; Metuchen, NJ: Provided preliminary design, programming, cost opinion of a new one-story 11,750 square foot firehouse and pre-manufactured support building for overflow vehicle storage.
- Mount Kisco Fire House Additions and Alteration; Mount Kisco, NY: Responsible for all design phases and construction administration as well as communication between the client and H2M. Understanding code regulations and how to apply them for permitting is essential for this effort. Work included developing building documentation from programming through construction documents, utilizing either AutoCAD or Revit. This required surveying and documenting existing structures, pre-design, bid, issuing addendum, reviewing submitted bids, and coordinating with all engineering disciplines. The first of three stations has been completed. The other two stations are in design development.
- North Warren Regional School District High School Media Center Renovation; Blairstown, NJ: Provided preliminary design, design development, and construction documents for the interior renovation of a media center.
- Belvidere Union Free School District HVAC Upgrades; Belvidere NJ: Provided design, bidding, and construction coordination for an upgrade of unit ventilators, rooftop units, and exhaust fans as part as a grant program.

License Information

Accurate as of July 03, 2023 4:35 PM

Return to Search Results

Name: MEGHAN KATHLEEN BURNHAM

Address: Hopatcong,NJ

Profession/License Type: Architecture,Registered Architect

License No: 21AI02236500

License Status: Active

Status Change Reason: License Issuance

Issue Date: 5/2/2022

Expiration Date: 7/31/2025

NO Board Actions. For more information contact New Jersey State Board of Architects - 973-504-6385

Documents

No Public Documents

Erik D. Heuler R.A., LEED AP BD+C, LEED AP + Homes

Senior Project Architect, Sustainability Director

Mr. Heuler is an architect with more than 15 years of experience. His responsibilities include coordination of interdisciplinary teams within H2M and alongside clients, contractors, and outside consultants, to ensure project sustainability goals are achieved using a holistic systems approach while meeting the overall goals of each specific project. Projects are approached using an integrative design process to identify project goals, develop and optimize designs, ensure proper implementation of all strategies, and document compliance, when necessary, during both design and construction phases. With the aid of analysis software, and a coordinated team, project specific strategies are selected to best serve the client and building users. Mr. Heuler has an extensive knowledge of the LEED green building rating system for both commercial and residential buildings but supports all projects with sustainability objectives regardless of the projects certification goals. Mr. Heuler also works extensively with H2M's Sustainability Employee Resource Group to advance data driven decisions and integrative design.

Education

B.Arch., Architecture; New York Institute of Technology

B.A., Business Administration; Hofstra University

Licenses/ Certifications

Registered Architect: NY

LEED Accredited Professional, Building Design and Construction, USGBC

LEED Accredited Professional, Homes, USGBC

Memberships

U.S. Green Building Council

Presentations

Stevens Institute – LEED by Example

Selected project experience

- DASNY/Office of Alcoholism and Substance Abuse (OASAS) Treatment Facility Design; Queens Village, NY: Project Architect/Project Manager for a new $10 million residential facility that will also provide counseling, healthcare, and vocational training. The 25,000 square foot facility will include recreation areas, lounges, kitchen and dining facilities, and house administrative offices. Key elements of the design included detailing the exterior to fit the character of the surrounding commercial area, and raising the first floor to accommodate a basement with adequate ceiling height and natural light.
- New York City Health + Hospitals Corporation (NYC H+H) Lincoln Medical Center Masonry Repairs and Roof Replacement; Bronx, NY: Project Architect/Project Manager in charge of preparing construction documents and providing construction administration to address the aging and failing roof, masonry, and skylight areas of the Lincoln Medical Center. The existing roof system, totaling approximately 10,000 square feet, will be replaced with a new energy code compliant, 20-year, two-ply SBS roofing system.
- Nassau Community College Tower Building Renovations; Garden City, NY: Project Architect/Project Manager for a multi-phase renovation of the 12-story, triangular Tower Building that houses the College's administrative services departments. The building, originally constructed in the 1970s, was showing signs of age and renovation was needed to address changing use and technology. Responsible for the design and oversight for renovations to the lower and plaza levels, and bathrooms on the upper floor.
- Dormitory Authority of the State of New York (DASNY)/City University of New York (CUNY) Lehman College Leonard Lief Library Interior Renovations; Bronx, NY: Project Architect for the design development, construction documentation, and construction administration for the Library's interior renovation. The redesign improved visibility, usage flexibility, and workflow, while providing expanded functionality.
- Ørsted Operations and Maintenance Facility; Setauket, NY: LEED Manager for the design of an off-shore wind operations center for Ørsted, to be constructed in Setauket, NY. The facility will support operations and maintenance for multiple off-shore wind farms located in the northeast United States. The project involves the complete renovation and rehabilitation of an existing 59,000 square foot industrial building on 4.5 acres. LEED certification is targeted.
- Westchester County Department of Public Works (WCDPW) Roof Replacements: As Project Architect, prepared construction documents to replace the SBS roofing systems at multiple wastewater resources recovery facilities, totaling more than 100,000 square feet.
- Suffolk County Department of Public Works (SCDPW) Vanderbilt Museum Façade Renovation; Centerport, NY: Project Architect/Project Manager for repair and replacement of the historic existing facade at the Vanderbilt Museum for the SCDPW. Overseeing a team of in-house architects and engineers, along with historical preservationists and local manufacturers, to develop approaches to address the causes of ongoing deterioration and identify priorities based on the project budget and client goals.

Next ⟶

Erik D. Heuler R.A.,
LEED AP BD+C, LEED AP + Homes

Senior Project Architect,
Sustainability Director

- Garden City Public Library Children's Room Renovation; Garden City, NY: As Project Architect/Project Manager, prepared construction documents for the Children's Room interior renovation, including colors, finishes, and furnishings tailored to each age group. New LED lighting and selection of Living Building Challenge (LBC) Red List Free carpeting has helped create a bright, modern, productive environment, while improving air quality and keeping harmful substances out of the space. LBC Red List Free is a status indicating that a product contains none of the harmful chemicals listed on the Red List.

- Water Authority of Western Nassau County (WAWN) Emergency PFAS Treatment; Elmont, NY: Project Architect responsible for the design of several buildings to house treatment systems to address the removal of perfluorinated compounds (PFAS) from four drinking water supply wells at WAWN's Station No. 44. Building elements included control rooms, an American with Disabilities Act (ADA)-compliant bathroom, chemical storage rooms, and glass block units in place of windows to allow natural light.

- Plainview Water District New Treatment Facility; Plainview, NY: Project Architect for the design of a new building at the District's Plant No 4. The treatment facility is being constructed to house water treatment systems and equipment to address emerging contaminants.

Next ⟶

Richard B. Schommer, Jr. P.E., P.P., CME

Vice President
Department Manager - Civil Engineering

Mr. Schommer holds licenses in Professional Engineering, Professional Planning, and is a Certified Municipal Engineer in the State of New Jersey. Mr. Schommer has more than 40 years of experience in the civil engineering practice, including working for New Jersey municipalities.

Mr. Schommer is responsible for the successful implementation of civil engineering design and construction projects throughout the State of New Jersey for both public and private entities.

Education

B.S., Civil Engineering; University of New Hampshire

Licenses/Certifications

Professional Engineer: NJ

Professional Planner: NJ

Certified Municipal Engineer: NJ

Publications/Presentations

"Combined Siphon Design Solves Sewer Connection Problem"
Water and Wastewater International, 1991

Memberships

American Council of Engineering Companies

New Jersey Society of Municipal Engineers

National Society of Professional Engineers

American Society of Civil Engineers

Rotary Club of Morristown, member 2000 to present, Past President, 2012- 2013

U.S. Bicycling Hall of Fame, Board of Directors 2001-2013, Past President, 2008-2010

Honors/Awards

Consulting Engineers Council of New Jersey; Grand Award recipient; Engineering Excellence Awards, 1991

Selected project experience

- Projects include site planning for residential, commercial, industrial, and retail use; subdivisions for single family residential developments; municipal engineering services; design of public infrastructure improvements; engineering studies for the New Jersey Department of Transportation (NJDOT); septic system investigation and design for individual homeowners; and related consulting services.
- Engineering design experience includes the preparation of subdivision plans, site planning, and related civil engineering projects. Services include preparation of initial feasibility studies, concept plans, preliminary design plans, through final construction plans and specifications.
    - Morris Brick and Stone; Morristown, NJ: Site planning, engineering, and design for all phases of site work, and obtaining approvals for the Town, Morris County, and NJDEP. The team also provided environmental investigations and studies for the site of a new showroom, display areas, and operations building.
    - 535 MLK Blvd, LLC; Newark, NJ: Site planning, engineering, and design for all phases of site work, and obtaining approvals from the City of Newark and NJDEP for the Boulevard, a mixed-use project in a seven-story building, 40 apartments, commercial space, and two levels of parking.
    - Park View Partners, LLC; Morristown, NJ: Site planning, engineering, and design for all phases of site work, and obtaining approvals from the Town for Park View, a mixed-use project in a four-story building that includes 40,000 square feet of office, retail, and parking space.
- Preparation of numerous engineering studies for stormwater management studies and flood plain studies utilizing HEC-RAS and stormwater computer models; storm sewer design; roadway design; sanitary sewer and water distribution systems; and testing and design of individual subsurface sewage disposal (septic) systems.
- Extensive experience in the permitting process with the New Jersey Department of Environmental Protection (NJDEP), NJDOT, and other local, county, and state agencies.
- Municipal experience includes design of infrastructure improvements for roadway reconstruction, drainage improvements, and related municipal projects and review of engineering plans and development applications for municipal review boards.
- Represents clients to provide expert testimony at public hearings before municipal planning boards, zoning boards, and boards of health as an expert witness in engineering and planning to support the land use approval process.

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License Information

Accurate as of May 06, 2024 2:19 PM

Return to Search Results

Name: RICHARD B SCHOMMER JR

Address: CHESTER,NJ

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE03253400

License Status: Active

Status Change Reason:

Issue Date: 8/1/1987

Expiration Date: 4/30/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6

Documents

No Public Documents

License Information

Accurate as of May 06, 2024 2:21 PM

Return to Search Results

Name: RICHARD B SCHOMMER JR

Address: CHESTER,NJ

Profession/License Type: Professional Planners,Professional Planner

License No: 33LI00382000

License Status: Active

Status Change Reason:

Issue Date: 3/1/1988

Expiration Date: 5/31/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Planners (973)504-6465

Documents

No Public Documents

Alan P. Hilla Jr. P.E., P.P., CME

Vice President, Central Jersey Office Director

Mr. Hilla has over 30 years of experience in the state of New Jersey as a professional engineer and professional planner. As a licensed professional in these two areas, he has provided consulting services as an Engineer of Record, Zoning Officer, Land Use Engineer, and Municipal Planner for municipalities such as the Boroughs of Brielle, Lake Como, Spring Lake, Keyport, Manasquan, Bradley Beach, Eatontown, Keansburg, Tinton Falls, South Toms River, Pompton Lakes, Township of Wall, and the City of Long Branch.

Education

B.S., Civil Engineering; Rutgers University

Licenses/ Certifications

Professional Engineer: NJ, NY, PA

Professional Planner: NJ

Certified Municipal Engineer (CME)

Trainings

NJDEP Stormwater Management Design Review Course (2018 and 2023)

NJDEP Stormwater Management Rule Amendment Training (2023)

Memberships

New Jersey Society of Municipal Engineers

Selected project experience

- Borough of Brielle Borough Hall Addition and Renovations; Brielle, NJ: Client Manager for a major renovation and addition to the Brielle Borough Hall. The addition integrated a sally port and new elevator into the section of the building utilized by the Brielle Police Department. Additionally, the project involved making interior alterations, reallocating building space per the new addition, upgrading the building's mechanical and electrical systems, incorporating an emergency generator, and ADA accessibility enhancements.
- Borough of Manasquan Main Street Beach Office and Addition and Improvements; Manasquan, NJ: Project Manager and Engineer responsible for all aspects of the enhancement and addition to a beachside office space on Main Street in Manasquan. This included mold remediation, structural evaluation, building remodeling, exterior recladding, and drainage improvements to extend the useful life of the essential oceanfront facility. Additional services performed prior to the building's re-opening for the 2021 summer season included evaluation, coordination, remediation, design, bidding, and construction administration/inspection, together valued at $750,000.
- Borough of Brielle ADA Accessibility Improvements at Borough Hall; Brielle, NJ; Engineer of Record responsible for overseeing the installation of ADA-related improvements at Borough Hall, including a ramp leading up the building entrance, vestibule lift from the building lobby to the first floor, and bathroom fixtures to achieve ADA compliance.
- NJDOT Municipal Aid Improvements to Union Lane Phases II & III; Brielle, NJ: Engineer of Record for the design and construction of roadway improvements spanning from State Highway Route 71 to the Manasquan River, including curb and driveway apron replacement, drainage system improvements, and pavement sub-base repair prior to pavement renewal. The construction cost for this project was approximately $294,000.
- Borough of Brielle Brielle Park Improvements; Brielle, NJ: Engineer of Record responsible for the development of two pickleball courts and court-side drainage systems adjacent to existing tennis courts, construction for which totaled $140,000.
- Borough of Pompton Lakes Morris Canal Greenway Project; Pompton Lakes, NJ: Engineer of Record responsible for the final design, NJDEP permitting, and construction of nearly one mile of stabilized gravel trail paralleling the edge of the Ramapo River, complete with site furniture, native landscaping, playground modification, and interpretive/wayfinding signage. With project implementation costs totaling $300,000, the project earned the 2019 Distinguished Project award from the American Council of Engineer Companies.
- NJDOT Municipal Aid Improvements to Union Lane Phase I; Brielle, NJ: Engineer of Record for the design and construction of roadway improvements spanning from Old Bridge Road (CR 20) to State Highway Route 71, including curb and driveway apron replacement, drainage system improvements, and pavement sub-base repair prior to pavement renewal. This project fronts the local elementary school and was successfully constructed between the end of the school year in June and the beginning of school in September. The construction cost for this project was approximately $385,000.
- NJDOT Municipal Aid Improvements to Valley Road Phase II; Brielle, NJ: Engineer of Record tasked with the design and construction of roadway improvements spanning from Birch Drive to Riverview Drive (CR. 48), including curb and driveway apron replacement, drainage system improvements, and pavement sub-base repair prior to pavement renewal. The construction cost for this project was $280,000.
- City of Long Branch Boardwalk Replacement Project; Long Branch, NJ: Project Engineer tasked with the design, permitting, and land construction of over 5,000 linear feet of boardwalk. This replacement of land support structures was part of a $16 million post-Sandy recovery project.

License Information

Accurate as of May 06, 2024 2:19 PM

Return to Search Results

Name: ALAN PAUL HILLA JR

Address: Brielle,NJ

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE03944200

License Status: Active

Status Change Reason:

Issue Date: 9/20/1995

Expiration Date: 4/30/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6460

Documents

No Public Documents

License Information

Accurate as of May 06, 2024 2:20 PM

Return to Search Results

Name: ALAN P HILLA JR

Address: Brielle,NJ

Profession/License Type: Professional Planners,Professional Planner

License No: 33LI00540700

License Status: Active

Status Change Reason: Reinstatement

Issue Date: 7/11/1997

Expiration Date: 5/31/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Planners (973)504-6465

Documents

No Public Documents

Kelly E. Greenfield R.A., LEED AP BD+C, WELL AP

Senior Associate, Public Agency Deputy Market Director

Ms. Greenfield has more than 15 years of architectural experience. Her responsibilities include preliminary services such as building analysis and research; formulating existing conditions reports, including findings and recommendations for repair; preparation of design development drawings and construction document sets; specification writing; as well as cost estimating and regulatory filings. In addition, Ms. Greenfield also provides bid and award support to clients, oversees construction activities, handles construction administration services, and assists with project closeouts.

Education

M.U.D.; City College of New York

M.Arch; City College of New York

B.A., Urban Studies; Fordham University

Licenses/ Certifications

Registered Architect: NY, CT, FL

LEED AP Building Design and Construction Accredited, USGBC (LEED AP BD+C)

WELL Accredited Professional, GBCI

NYCDOB Class 1 Filing Representative

NCARB Certified

NYC DOB 4-hour Supported Scaffold User Certificate

NYC DOB 16-hour Suspended Scaffold User Certificate

OSHA 10-hour Construction Safety & Health

Project Management Training Program, H2M

H2M Mentoring Program Graduate, Mentee

Memberships

International Institute of Building Envelope Consultants (IIBEC)

America Institute of Architects (AIA)

Urban Green Council (USGBC)

New York Building Congress

The Architectural League

CCNY Alumni Association

A Better New York (ABNY)

Awards

Long Island Business News - Who's Who 2021: Women in Professional Services

2020 Women in Real Estate: New York Real Estate Journal

Selected project experience

- New York City Housing Authority (NYCHA) Morris and Moore Houses Roof Replacements; Bronx, NY: Provided design and construction administration services for roofing replacement at the Morris and Moore Houses. Performed existing conditions surveys, designed roofing improvements, and oversaw construction.
- New York City Housing Authority (NYCHA) Gompers Houses Roof Replacements; New York, NY: Project Manager responsible for the design of roof and roof railing replacements at the three buildings of the Gompers Houses totaling approximately 24,500 square feet.
- New York City Housing Authority (NYCHA) Coney Island and Marlboro Houses Trash Hoist Replacements; Brooklyn, NY: Prepared construction documents for trash hoist replacements with vertical reciprocating conveyors at 22 buildings across two NYCHA developments, Coney Island and Marlboro Houses. The systems were designed as fully enclosed cabs that lift trash from the basement compactor rooms to the first floor for removal.
- New York City Department of Citywide Administrative Services (DCAS) State of Good Repair; New York, NY: Retained by DCAS to perform existing conditions surveys to identify deficiencies and recommend repairs to bring 64 sites across New York City to a state of good repair for the Department of Youth and Community Development. Surveys are currently underway and all are slated for completion by Spring 2025.
- Trust for Governors Island In-Depth Building Inspections; New York, NY: Retained by the Trust to perform an in-depth structural and architectural existing conditions survey to identify deficiencies and recommend repairs to bring this buildings to a state of good repair. Life safety and occupancy issues were reviewed, as well as the condition of the building envelope and structural support systems.
- Trust for Governors Island Existing Conditions and Systems Studies; New York, NY: Performed an architectural investigation of the 10,145 square foot Building 107 to assess the building envelope and collateral interior damage as part of a comprehensive building assessment report.
- Borough of Brielle Accessibility Upgrades at Borough Hall; Brielle, NJ: Designed and provided construction documents that enabled this public building to become more accessible to its residents. Work included providing an exterior ramp to the entrance of the building, installing an inclined platform lift at the stairs, creating a compliant public restroom, and designing an area of refuge for emergencies.
- Hudson River Park Trust (HRPT) Pier 40 Fire Protection; New York, NY: Assisted in the design of a NYC building code-compliant fire protection system for Pier 40. Services included the management of a fire protection engineer and cost estimating subconsultant and preparation of base files and architectural drawings for the full building upgrade of the sprinkler system. A fire alarm study is simultaneously being performed to determine code compliance and if a new fire alarm system is also recommended.
- New York City Department of Citywide Administrative Services (DCAS) Space Needs Program Summary Report; New York, NY: Management of several teams of in-house and consultant firms for existing conditions surveys and documentation to assist DCAS in their Citywide effort to document and assess space needs for City agencies. Scope of services included an analysis of the personnel, programmatic, and operational needs to generate an estimated rental square footage allocation; interviews of agency representatives and compiling information into a spreadsheet, back checking against the client's space standards, and a final report summarizing findings.

Next ⟶

Kelly E. Greenfield

R.A., LEED AP BD+C, WELL AP

Senior Associate,
Public Agency Deputy Market Director

- New York City Department of Citywide Administrative Services (DCAS) Environmental Consulting Services for City Agency Relocation and Expansion; New York, NY: Project management and oversight for environmental consulting services in connection with the proposed relocation and expansion for three city agencies. To obtain land use approval from the NYC Department of City Planning for the intended new use/occupancy within commercial buildings, the following services were provided: environmental site assessments, ULURP application and support documents, preparation of reports, strategy meetings, planning, and client and agency review coordination.

- Battery Park City Authority (BPCA) Pier A Harbor House Window and Door Upgrades; New York, NY: Project Manager responsible for evaluating the conditions of existing windows and doors at Pier A Harbor House. Task one involved performing nondestructive visual observations to review existing conditions of the exterior windows (including sliding French doors at the first floor) and exterior doors of the Pier A Harbor House and document overall material deterioration and any operability issues, defects, and deficiencies, particularly in relation to broken glass, panes, and frames, weather tightness, and hardware. For task two, prepared an updated report incorporating current data documented from on-site observations.

- Dormitory Authority of New York State (DASNY) Governor's Office of Storm Recovery (GOSR) Fire Station Storm Hardening; Bronx and Brooklyn, NY: Prepared construction documents and regulatory filings for storm hardening alterations at seven volunteer fire department buildings in the Bronx and Brooklyn, NY. Work included new emergency generators, raising mechanical and electrical equipment above the Design Flood Elevation (DFE), design for new flood planks and flood mitigating doors, repair to damaged interior finishes, and other collateral work.

- NYC Health and Hospitals Corporation (NYCHHC) Lincoln Medical Center Masonry Repairs and Roof Replacement; Bronx, NY: Provided architectural design services to address the aging and failing roof, masonry, and skylight areas of the Lincoln Medical Center, totaling approximately 10,000 square feet. The existing roof system, including the areas above the patient care floors, were replaced with a new energy code compliant, 20-year, two-ply SBS system.

- New York City Housing Authority (NYCHA) Queensbridge North and South Elevator Rehabilitation; Long Island City, NY: Vertical transportation design services for the rehabilitation of 96 existing elevators in six-story buildings for the NYCHA. Each elevator machine room (EMR) will receive a new controller and governor components, electrical upgrades, and smoke exhaust system.

- City University Construction Fund (CUCF) City University of New York (CUNY) Bronx Community College Alumni Gymnasium and Bliss Hall Accessibility Upgrades; Bronx, NY: Led the design of upgrades at Bronx Community College. At Alumni Gym, reconfigured existing male and female locker rooms to be accessible and provided all new fixtures, finishes, and ventilation upgrades. At Bliss Hall, designed new ADA ramp and stairs at the building entrance, upgrades to classroom door hardware, and new accessible restrooms. Oversaw the production of construction documents; managed the M/WBE-certified MEP engineer, estimator, and expediter; and handled coordination across multiple trades.

- New York City School Construction Authority (NYCSCA) PS 137 Full Program Accessibility and Fire Alarm Replacement; Brooklyn, NY: As Project Manager, oversaw $12 million in accessibility upgrades to PS 137. This includes site accessibility, school, and floor accessibility, including a building addition with a new elevator to provide access to all floors. The building addition will house accessible toilets and drinking fountains. Classrooms and programmatically unique and specialty spaces will be made accessible by renovating the entrance door and room sinks. Work will include plumbing, mechanical and electrical upgrades. In addition, the school's antiquated fire alarm system is being replaced.

- New York City School Construction Authority (NYCSCA) PS 218 Flood Elimination, Exterior Masonry, Parapets, and Roofing; New York, NY: Led the investigation to determine the extent of water infiltration at PS 218 and prepared construction documents for repairs to the facades, roof and parapet replacement, and excavation and waterproofing at select locations. There was also a full building electrification project bundled with this effort, so we served as a subconsultant to the MEP prime and assisted with all architectural scope, including select window replacement and full ceiling and lighting replacement.

- New York City School Construction Authority (NYCSCA) Science Lab Classroom Conversions and Path of Travel Upgrades at PS 219/Lamad Academy; Brooklyn, NY: Led architectural design services for the conversion of two classrooms to a teaching laboratory for general science for middle school students and physics/chemistry for advanced regents-level and high school students

John (Chris) Morris III P.E.

Assistant Vice President, Practice Leader - MEP

Mr. Morris has over 40 years of experience as an engineer. He has worked on a wide range of projects in various industries, including K-12, higher education, telecommunications, hospitals and healthcare, industrial, commercial, residential, Federal, State, and municipal government facilities. As Practice Leader, he oversees the activities of project managers and assures that the necessary resources are assigned to individual projects. In addition, he is responsible for translating the client's requirements into efficient and cost-effective mechanical and electrical systems.

Education

B.E., Mechanical Engineering; Manhattan College

Licenses/ Certifications

Professional Engineer: NY, NJ, FL, PA, MD, MA, VA, DE, IL

National Council of Examiners for Engineering and Surveying (NCEES)

Memberships

American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE)

National Fire Protection Association (NFPA)

Selected project experience

- William Paterson University New Residence Halls and Renovations; Wayne, NJ: Designed mechanical and electrical systems for a 250- to 300-bed residence hall for semi-suite room types next to the High Mountain East Residence Hall.
- New Jersey Department of Military and Veterans Affairs (DMAVA) National Guard Readiness Center; Lakehurst, NJ: Led mechanical and electrical engineering services for a new New Jersey National Guard Readiness Center, located on the Joint Base McGuire Dix Lakehurst. The facility, which is 41,000 square feet in area, will support the training, administration, and logistical requirements of the New Jersey Army Reserve National Guard (NJARNG). The design incorporates a number of sustainable measures, including the design of four EV charging stations.
- Ocean County College New Technology Building; Toms River, NJ: Designed MEP systems for a new technology building to house classrooms, computer labs, a tiered lecture hall, offices, and other spaces. The program required that the 30,000 square foot building provide state-of-the-art support for computer and communications-intensive education, and that the building qualify for LEED Silver certification, despite a limited construction budget. To minimize cost, the HVAC and electrical design utilized standard commercial equipment in energy efficient systems. The HVAC systems maximize comfort by providing individual room temperature control, dynamic control of summer humidity levels in the building, and minimizing noise in the occupied spaces. The indoor environment was improved by applying equipment that is easily accessible for service and constructed for easy cleaning. Ductwork was provided with access doors at regular intervals that will facilitate duct cleaning in the future.
- Union County Improvement Authority New Government Complex Design-Build; Elizabeth, NJ: Managing the preparation of MEP bridging documents for the design of the new Union County Government Complex. The proposed complex will consist of two buildings, each with a different floor plate, totaling approximately 225,000 square feet in area. The complex will contain mostly office space and related areas, along with a small kitchen and cafeteria.
- City of Jersey City Municipal Complex; Jersey City, NJ: Oversaw MEP engineering services for the multi-story, multi-building Municipal Complex at East Linden Avenue in Jersey City. Covering roughly 17 acres, the new facilities replaced the former building complex located on a larger site currently being redeveloped. The new complex includes a 35,000 square foot office building, a 62,800 square foot maintenance and parking garage, a 16,250 square foot emergency services unit building, and a 29,800 square foot auto and storage building. The complex was designed to meet LEED Silver certification.
- William Paterson University Child Development Center and School of Continuing Education; Wayne, NJ: Designed MEP systems associated with the renovation of portions of an existing office building for William Paterson University (WPU). The renovations included 10,700 square feet on the first floor for a new Child Development Center and approximately 20,000 square feet on the first and second floors for the School of Continuing and Professional Education. The Child Development Center contains spaces for classrooms, toilets, a nurse's office, offices, a kitchen, library, storage rooms, and a reception area. The School of Continuing and Professional Education contains classrooms, offices, conference rooms, a phlebotomy lab, storage rooms, and a reception area. The nature of the renovations required new ceilings in many areas, removal and reconstruction of partitions, new doors, etc., which necessitated the relocation of many of the existing MEP systems within the affected spaces. The existing core mechanical and electrical MEP systems were fairly new, in good condition, and found to have sufficient overall capacities to accommodate the new uses within the building. However, it was determined that the Child Development Center required a number of new toilets be installed, which required the installation of new sanitary sewer lines.

NEW JERSEY DIVISION OF CONSUMER AFFAIRS

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License Information

Accurate as of May 06, 2024 2:35 PM

Return to Search Results

Name: JOHN C MORRIS III

Address: COLTS NECK,NJ

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE02659900

License Status: Active

Status Change Reason:

Issue Date: 7/1/1980

Expiration Date: 4/30/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6

Documents

No Public Documents

Jeffrey S. Krall P.E., LEED AP BD+C

Discipline Engineer - Mechanical Engineering

Mr. Krall is a project manager and senior HVAC engineer with 40 years of experience providing design services for a wide variety of building types, including hospitals, educational institutions, municipal buildings, office buildings, pump stations, laboratories, and boiler rooms. His experience also includes preparing due diligence reports and building assessment reports.

Education

Bachelor of Architectural Engineering; Pennsylvania State University

Licenses/ Certifications

Professional Engineer: NJ

LEED Accredited Professional (AP) Building Design + Construction (BD+C)

Memberships

American Society of Heating, Refrigeration, & Air Conditioning Engineers (ASHRAE)

United States Green Building Council (USGBC)

Selected project experience

- Our Lady of Lourdes Medical Center New Critical Care Building; Camden, NJ: Provided mechanical engineering services for a new 132,000 square foot building designed to expand this hospital facility's core cardiac services. The building includes a new emergency department, two floors of critical care bed space, cardiac care services, medical-surgical bed space, and a replacement for the School of Nursing.
- Frankford Hospital Torresdale Campus Patient Care Addition; Philadelphia, PA: Provided mechanical and electrical design of a new patient care wing at this major Philadelphia hospital. The 30,000 square foot addition included new OB/GYN facilities, normal and intensive care nurseries, and labor/delivery suites. Also constructed in this addition were two new intensive care units of 12 beds each. Designed a new chilled water plant and an emergency electrical generation plant.
- Trinitas Regional Medical Center Detailed Facility Assessment; Elizabeth, NJ: Developed a comprehensive assessment of the physical plants of the two campuses of this hospital. Conducted inventories of all major systems, produced detail narratives of the system operations, a created complete one-line diagrams of several priority systems. The resulting report produced over $36,000,000 in plant-related capital investments which will help form the hospital's 10-year strategic planning objectives.
- PSEG Services Elms at Cranbury; Cranbury, NJ: This project involved PSEG Services for the Hospital Energy Efficiency Extension II Program for "The Elms at Cranbury", which is a Subacute Rehabilitation and Nursing facility. The scope had several EEM's (energy efficiency measures) for replacements of a cooling tower, water-source heat pumps, boilers, and hot water heaters. Detailed building system surveys were required prior to the design and replacement of the various HVAC system components listed in the scope.
- The Elms of Cranbury; Cranbury, NJ: Designed energy efficiency measures for a subacute rehabilitation and nursing facility in Cranbury, NJ. The scope of work was based upon the requirements of the PSE&G Hospital Efficiency Program to replace equipment for energy efficiency measures. The work included replacements of a cooling tower and all the water-source heat pumps.

License Information

Accurate as of May 06, 2024 2:32 PM

Return to Search Results

Name: JEFFREY S KRALL

Address: Manalapan,NJ

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE03399200

License Status: Active

Status Change Reason:

Issue Date: 4/3/1989

Expiration Date: 4/30/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6460

Documents

No Public Documents

Brian M. Castelli P.E.

Associate, Assistant Engineering Manager

Mr. Castelli has more than 10 years of diverse mechanical engineering experience working on building construction and transportation projects. His experience includes the design of a variety of HVAC systems, as well as machinery systems utilized on moveable bridges. Mr. Castelli's HVAC experience includes the design and inspection of hydronic and steam boiler systems, chilled water systems, VRF air conditioning, and a variety of air handling and ventilation systems. In addition, he has experience in the design and inspection of movable bridge machinery, including gear driven and hydraulic systems. Prior to working in the engineering consulting industry, Mr. Castelli served as an Engineer Officer in the United States Army and the New Jersey Army National Guard for over six years, achieving the rank of Captain prior to his honorable discharge.

Education

M.S., Transportation; New Jersey Institute of Technology

B.S., Mechanical Engineering; New Jersey Institute of Technology

Licenses/ Certifications

Professional Engineer: NY, NJ, PA, CT

OSHA 10-hour Construction Safety & Health

Project Management Training Program, H2M

H2M Mentoring Program Graduate, Mentee

Memberships

National Council of Examiners for Engineering and Surveying (NCEES)

Society of American Military Engineers - West Point Industry Liaison

Selected project experience

- New York City Housing Authority (NYCHA):
  - Project Manager and Engineer of Record for the design of replacement toilet exhaust fans across 60 NYCHA developments throughout NYC. The scope of services included the inspection, evaluation, design, and construction support for 250 buildings and over 2,600 exhaust fans.
  - Bronx River Houses Boiler Plant Replacement - Engineer of Record for the evaluation and design of the replacement steam boiler plant for Bronx River Houses. Complete boiler plant upgrade included the design of steam boilers, vacuum condensate pumps, boiler feedwater systems, steam and condensate piping, and temporary boiler systems. The scope of services also included new domestic water heater venting in each of the 12 remote buildings in the development.
- Carlton Regency Corporation; New York, NY: Performed a variety of investigative services as an engineering expert representing a co-op board. Provided troubleshooting on a variety of malfunctioning HVAC systems in two high rise residential buildings. Provided design services on HVAC upgrades worth over $6 million in construction cost. Provided construction cost opinions to assist the co-op in long term financial planning.
- New York City School Construction Authority (NYCSCA):
  - Lease Conversions; New York, NY: Performed construction administration on various lease conversion projects. Responsible for all mechanical and plumbing submittal reviews, RFIs, and Bulletins. Specific schools included Pre-K Center at Teleport (R068) Staten Island, NY; Pre-K Center at 76th St. (Q378) Queens, NY; Pre-K Center at Jamaica Ave. (Q381) Queens, NY; Pre-K Center at Battery (M391) Manhattan, NY; and Pre-K Center at Springfield (Q387) Queens, NY.
  - PS-398Q; Queens, NY: Project Mechanical Engineer for a new 65,000 square foot school designed in REVIT. The mechanical design of the building included the use of displacement induction units and chilled beams, as well as the design of a full service commercial grade kitchen including kitchen exhaust hood and grease duct design.
  - UPK 369Q; Queens, NY: Project Mechanical Engineer for a new 35,000 square foot school. The design incorporated the use of four new rooftop variable air volume air handling units. A hot water plant utilizing condensing boilers was also designed to provide hot water fin tube radiation throughout the building.
- White Plains School District:
  - District-wide Air Conditioning; White Plains, NY: Engineer of Record for the upgrade of all heating only ventilation systems to incorporate DX air conditioning. Schools upgraded include White Plains High School, George Washington School, Eastview School, Church Street School, and Ridgeway School. Systems generally included DX air handling units, unit ventilators, and new VRF split systems.
  - Health Department Emissions Permitting; White Plains, NY: Engineering services for permitting existing boiler installations with the Westchester County Department of Health. Services included generating as-built plans of every district boiler room and performing emissions calculations for all emissions regulated by the Department of Health.

License Information

Accurate as of May 06, 2024 1:59 PM

Return to Search Results

Name: BRIAN CASTELLI

Address: Ridgewood,NJ

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE05153000

License Status: Active

Status Change Reason: License Issuance

Issue Date: 7/17/2014

Expiration Date: 4/30/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6460

Documents

No Public Documents

James J. Williamson III P.E., LEED AP BD+C

Associate, Discipline Engineer - Mechanical Engineering

Mr. Williamson is a mechanical engineer with more than 15 years of experience. His responsibilities include preparation of heating and cooling load calculations, equipment selection, piping and duct systems design, site investigation and evaluation of existing HVAC systems, shop drawing review, and construction management. He has also designed boiler replacement projects for several school districts including Valley Stream, Hewlett Woodmere, Locust Valley, Kings Park, and East Williston.

Education

B.S., Mechanical Engineering; Polytechnic University

Licenses/ Certifications

Professional Engineer: NY, NJ

LEED AP Building Design and Construction Accredited, USGBC

HVAC System Design, NYUSCPS

TRANE Air Conditioning Clinic and HVAC Software Training

Selected project experience

- New York City Housing Authority (NYCHA) Fiorentino Boiler Replacement; Brooklyn, NY: Project Manager and lead HVAC/plumbing designer for the replacement of the central boiler plant and decoupling of three domestic water heating plats at the NYCHA's Fiorentino Plaza Housing Development. Design included replacement of a 400 HP low pressure steam boiler plant and all ancillary steam equipment, abandonment of an existing buried fuel oil tank, temporary rental boiler, and new high efficiency, gas-fired condensing domestic water heating systems.
- Cunningham Apartments Heating Plant Upgrades; Queens, NY: HVAC and plumbing design associated with the heating plant upgrades at the Cunningham Heights Apartments in Queens. Design included the replacement of the existing low pressure steam boiler plant with field erected scotch marine boilers. A new gas detection system, combustion air fan system, domestic hot water tempering valve, web-based boiler control panel, and chimney lining were also included in the design.
- Various Sewer Districts; New York and New Jersey: HVAC design of wastewater treatment plants for the Calverton, Hauppauge, Parsippany-Troy Hills, and Port Chester Sewer Districts. Designs included installation of new and replacement of existing exhaust fans, unit heaters, split system air conditioning units, custom air handling units and energy recovery units, burst proof heating coils, fiberglass odor control ductwork, controls, etc. Code analysis was performed to determine space classifications/ ventilation requirements in accordance with NFPA 820 and the Ten State Standards.
- Various Water Districts; New York and New Jersey: HVAC design of water treatment plants for the South Huntington, Roslyn, Manhasset-Lakeville, Bethpage, Glen Cove, Garden City Park, and Monroe Township Water Districts. Designs included installation of new and replacement of existing exhaust fans, unit heaters, and split system air conditioning units.
- New Fire Houses; Setauket, Roslyn, and Roslyn Heights, NY: HVAC design of new fire houses for the Setauket Fire Department, Roslyn Highlands Fire Department, and Roslyn Fire Rescue Company. Designs included new condensing boiler plants, radiant floor heating, air handling units, VRF systems, vehicle exhaust systems, and general exhaust fans.
- Various School Districts Building Condition Survey; Various Locations: Building condition surveys to evaluate and identify deficiencies of existing HVAC and plumbing systems for the Clarkstown, Hewlett-Woodmere, Massapequa, Syosset, and White Plains School Districts.
- Farmingdale State College Piping Investigation; Farmingdale, NY: Engineering investigative study to determine the source(s) of water hammer in the campus' steam distribution piping and provide recommendations to resolve the issues at the Farmingdale State College.
- Bay Shore Fire District HVAC Upgrades; Bay Shore, NY: Investigative and design services for the HVAC upgrades at the Bay Shore Fire District Headquarters Building. Project included replacement of the existing boiler plant and packaged HVAC rooftop units.
- Various School Districts Energy Performance; Valley Stream, East Williston, and Massapequa, NY: HVAC design for the upgrades associated with the Energy Performance Contracts for the Valley Stream, East Williston, and Massapequa School Districts.
- Various Additions and Alterations; Oceanside and Mineola, NY: HVAC and plumbing design for the additions and alterations for the Oceanside Fire District Headquarters Building and the Hampton School located in the Mineola School District.

Next ⟶

James J. Williamson III

P.E., LEED AP BD+C

Associate, Discipline Engineer - Mechanical Engineering

- Nassau County BOCES Data Center; Garden City, NY: HVAC design, including design of automatic fire suppression systems.
- South Huntington School District Fan Replacement; South Huntington, NY: HVAC design of the fan replacement.
- Various Schools Heating Plant Upgrades; Valley Stream and Locust Valley, NY: HVAC design for the heating plant upgrades for multiple schools located in the Valley Stream and Locust Valley School Districts.
- Valley Stream School District; Valley Stream, NY: HVAC design of the heat exchanger replacement.
- Long Island Lutheran High School; Glen Head, NY: HVAC and plumbing design of science classroom upgrades.
- Hewlett-Woodmere School District; Woodmere, NY: HVAC design of the auditorium upgrades and unit ventilator replacement. HVAC and plumbing design of the cafeteria and bathroom renovation.
- Port Washington Hotel; Port Washington, NY: HVAC design for a four story 96,000 square foot atrium style hotel. Hotel consists of 114 suite style rooms with building amenities such as a swimming pool, fitness center, business center, atrium style common area, laundry facility, and a kitchen.
- Hampton Inn Hotel Addition: HVAC design for a 23,000 square foot addition to an existing hotel. The four story addition consisted of 40 rooms, including 12 suites.
- Dormitory Authority of the State of New York (DASNY) HVAC Upgrades; Brooklyn, NY: Investigative and design services for the HVAC upgrades at the Brooklyn DDSO/DASNY facility. Project included replacement of 10 air handlers and upgrade of the existing HVAC building controls.
- USPS HVAC Design; Various Locations: HVAC design for multiple USPS post offices, including Riverhead, Dyker Heights, Eltingville, JFK, and Queens P&DC.
- Massapequa Fire District Emergency Generator; Massapequa, NY: Gas piping design and new gas service for the installation of an emergency generator. .
- Hub Truck Rental Corporation; New Hyde Park, NY: HVAC design for the Corporation's building in New Hyde Park, NY.
- Residential HVAC design for several townhouse complexes.

License Information

Accurate as of March 27, 2024 4:09 PM

Return to Search Results

Name: JAMES J WILLIAMSON, III

Address: East Islip,NY

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE06062700

License Status: Active

Status Change Reason: License Issuance

Issue Date: 3/26/2024

Expiration Date: 4/30/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6460

Documents

No Public Documents

Steven Soussou P.E.

Associate, Department Manager - Electrical Engineering

Mr. Soussou has more than 30 years of experience as an electrical engineer, client liaison, and project manager. He has worked on a wide variety of project types over the course of his career, including projects in the energy, residential, healthcare, K-12, higher education, corporate, commercial, retail, special amusement, photovoltaic, marine, transit, municipal, and insurance market sectors. Mr. Soussou's expertise includes energy audits, normal and emergency/standby power distribution systems, including medium voltage site infrastructure, building power distribution, emergency power generation systems, uninterruptible power supplies, and photovoltaic systems.

Education

B.S., Electrical Engineering;
Cooper Union

Licenses/ Certifications

Professional Engineer: NJ, NY, PA

MTA NYC Transit Track Safety

Selected project experience

- New Jersey Department of Military and Veterans Affairs (NJDMAVA) National Guard Readiness Center; Lakehurst, NJ: Providing electrical design oversight for a new National Guard Readiness Center, located on the Joint Base McGuire Dix Lakehurst in Lakehurst, NJ. The facility, 41,000 square feet in area, will support the training, administration, and logistical requirements of the New Jersey Army Reserve National Guard (NJARNG). The design incorporated a number of sustainable measures, including the design of four charging stations for electric vehicles.
- United States Postal Service (USPS) James A. Farley Building Tenant Space Fit-Out; New York, NY: Oversight of electrical engineering design for the fit-out of approximately 275,117 square feet in the James A. Farley Building.
- William Paterson University Child Development Center and School of Continuing Education; Wayne, NJ: Designed electrical systems associated with the renovation of portions of an existing office building for William Paterson University (WPU). WPU purchased the building and is renovating approximately 10,700 square feet on the first floor for a new Child Development Center and approximately 20,000 square feet on the first and second floors for the School of Continuing and Professional Education. The Child Development Center contains spaces for classrooms, toilets, a nurse's office, offices, a kitchen, library, storage rooms, and a reception area. The School of Continuing and Professional Education contains classrooms, offices, conference rooms, a phlebotomy lab, storage rooms, and a reception area.
- Steven Institute of Technology Howe Building 13th Floor Renovations; Hoboken, NJ: Oversaw the design of electrical systems as part of the renovation of the 13th floor of the Howe Building. The project includes a new President's office suite, office renovations, new bathroom finishes/fixtures, a conference room, and miscellaneous interior finishes.
- Union County Government Complex MEP Bridging Documents and Design Criteria; Elizabeth, NJ: Oversaw the preparation of electrical bridging documents and design criteria for a proposed design-build project to procure a new Union County Government Complex, to be located in Elizabeth, NJ. The proposed complex will consist of two buildings each with a different floor plate, totaling approximately 225,000 square feet. The complex will contain primarily office and related spaces. H2M was subsequently selected to take over as the Engineer-of-Record for the full MEP design of this complex, which is currently ongoing.
- Borough of Brielle Borough Hall Addition and Renovations; Brielle, NJ: Presided over the electrical design for a major renovation and addition to the Brielle Borough Hall. The addition integrated a sally port and new elevator into the section of the building utilized by the Brielle Police Department. Additionally, the project involved making interior alterations, reallocating building space per the new addition, upgrading the building's mechanical and electrical systems, incorporating an emergency generator, and ADA accessibility enhancements.
- Gold Coast Public Library New Library Building; Glen Head, NY: Electrical Design Engineer responsible for the design of a new one-story, 11,000 square foot building with an open floor plan. The team is working toward construction of a permanent home for the Library that will have the flexibility to service the expanding needs of its community. Electrical works includes power distribution, lighting, fire alarms, and low-voltage systems.
- Garfield Board of Education District-Wide HVAC Systems Assessment; Garfield, NJ: Oversaw a Districtwide assessment to determine which District facilities did not have adequate air conditioning and identify which areas had previous HVAC systems near the end of their anticipated service life and should be considered for replacement.

NEW JERSEY DIVISION OF CONSUMER AFFAIRS

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License Information

Accurate as of April 09, 2024 1:19 PM

Return to Search Results

Name: STEVEN SOUSSOU

Address: Manalapan,NJ

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE06061800

License Status: Active

Status Change Reason: License Issuance

Issue Date: 3/22/2024

Expiration Date: 4/30/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6

Documents

No Public Documents

Steven R. Freeman LC

Senior Designer - Electrical Engineering

Mr. Freeman has over 45 years of electrical engineering experience. He is experienced in lighting, lighting controls, power, fire alarm, security, information technology systems design, field surveying, project management, report writing, photographic documentation, and AutoCAD. Mr. Freeman's expertise also includes specification writing, cost estimating, and construction supervision.

Licenses/ Certifications

NCQLP Lighting Certification

Memberships

Illuminating Engineering Society of North America

National Fire Protection Association

Selected project experience

- Morristown Sewage Treatment Plant 1.0 Megawatt PV Solar System; Morristown, NJ: The system included ground and roof mounted solar arrays.
- Hall's Warehouse 1.8 Megawatt PV Solar System; South Plainfield, NJ: The system was installed on the roof of a cold storage warehouse.
- Rutgers University Bush Student Center Addition and Renovations; Piscataway, NJ: Electrical design for a new enlarged dining space, flexible meeting and conference spaces for the academic community, improved accessibility and modernized technology, and fast food restaurant.
- Rutgers University Paul Robeson Cultural Center; Piscataway, NJ: Provided electrical engineering services for the Paul Robeson Cultural Center, which is dedicated to serving the Rutgers University community by offering a wealth of programs, initiatives and services that reflect the robust history, heritage, and diversity of the African diaspora. Widely recognized as the first black cultural center on a college campus in the United States, the Paul Robeson Cultural Center is named after one of our most esteemed alumni, Paul Robeson, who was the 3rd African-American to graduate from Rutgers University. The design included the electrical, IT, security, and fire alarm systems for the building.
- Borough of Sea Bright Municipal Complex; Sea Bright, NJ: The Sea Bright Emergency Response Center replaced the existing Fire Department, Police Station, Administration and EMS, which were severely damaged by Superstorm Sandy. The three story building will house the Fire Station, Police Department, EMS Services, and an Administration Area for a total of 14,240 gross square feet. The project included LED lighting, lighting controls, power, IT, fire alarm, security, access control and CCTV. The entire building's electrical system is backed-up by an emergency generator. The cost of the project was $7 million.
- Delaware River Joint Toll Bridge Commission Lighting Upgrades; NJ and PA: Replacement of HID lighting on seven bridges and approach roadways with LED lighting and wireless digital lighting controls. Replacement of fluorescent and incandescent lighting with LED lighting in the Delaware River Joint Toll Bridge Commission's Administration Buildings.
- Brooklyn Bridge Renovation; Brooklyn and Manhattan, NY. $153 million renovation of the Brooklyn Bridge, including new roadway and necklace lighting and lighting controls.
- Adelphi University Ruth S. Harley University Center Additions and Renovations; Garden City, NY: Designed electrical and fire alarm systems for the renovations and additions to the Ruth S. Harley University Center. The project consisted of double the dining space, upgraded and expanded art gallery space, flexible meeting and conference spaces for the academic community, an expanded, glass-walled commuter lounge, a state-of-the-art ballroom for large meetings and events, a lactation room and gender-neutral bathrooms, improved accessibility and modernized technology, a full Starbucks, video recording and new technology for conferences, and an outdoor space for dining, outdoor classes or lounging.
- Essex County College Information Technology Center; Newark, NJ: Provided electrical and fire alarm systems design for the renovations to a library at Essex County College to convert it into an IT center. The design included LED lighting, lighting controls, power for access control, security and CATV systems. The space included computer carols, lounge, information desk, conference rooms, huddle rooms, live plant wall, and indoor fountain wall.

Jonathan R. Muratore P.E.

Assistant Vice President, Department Manager - Plumbing and Fire Protection Engineering

Mr. Muratore has more than 10 years of experience in plumbing and fire protection design and engineering for a wide variety of projects, including laboratories, higher education facilities, fire stations, municipal and state buildings, and public and private residences. He is knowledgeable in domestic water service and distribution systems, backflow prevention design and permitting, sanitary, waste and vent systems, grease interceptors, gas pipe sizing, double wall process waste piping, waste treatment, compressed air systems, fuel pumping stations, and fire sprinkler and standpipe systems. Mr. Muratore is skilled in AutoCAD and Revit MEP 3D design.

Education

B.S., Mechanical Engineering: State University of New York at Buffalo

Licenses/ Certifications

Professional Engineer: NY, NJ, CT, FL, MA, VA

H2M Project Management Certification

Memberships

American Society of Plumbing Engineers (ASPE)

National Fire Protection Agency (NFPA)

Selected project experience

- Borough of Brielle Borough Hall Addition and Renovations; Brielle, NJ: Design of plumbing systems for a major renovation and addition to the Brielle Borough Hall. The addition integrated a sally port and new elevator into the section of the building utilized by the Brielle Police Department. Additionally, the project involved making interior alterations, reallocating building space per the new addition, upgrading the building's mechanical and electrical systems, incorporating an emergency generator, and ADA accessibility enhancements.
- Township of Neptune New Marina Building; Neptune, NJ: Plumbing Design Engineer for a new two-story, mixed use building to replace the existing facility which had sustained damage during Hurricane Sandy.
- New Jersey Department of Military and Veterans Affair New Training Center and Maintenance Bay; Vineland, NJ: Plumbing and Fire Sprinkler Design Engineer for an approximately 41,000 square foot vehicle maintenance facility, including work and inspection bays, offices, classrooms, bathrooms, lockers, break room, tool room, storage rooms, and mechanical/electrical/telecommunications spaces.
- New Jersey Division of Property Management and Construction (NJDPMC) Leonardo State Marine Bulkhead Dock Replacement; Leonardo, NJ: Plumbing Design Reviewer for the replacement of water utilities serving floating and fixed docks attached to 1,200 feet of bulkhead.
- Gabrielli Truck Sales New Commercial Truck Repair and Body Shop Facility; Dayton, NJ: Plumbing and Fire Sprinkler Design Reviewer for the design of a new one-story body shop, as well as a 36,000-square-foot body and maintenance shop with spray booths and offices.
- Ørsted Operations and Maintenance Facility; Setauket, NY: Plumbing and Fire Sprinkler Design Reviewer for the alteration of existing warehouse to a 60,000 square foot state-of-the-art Operations and Control Data Center, offices, and warehouse to accommodate the owner's requirements and meet LEED certification.
- Gold Coast Public Library New Library; Glen Head, NY: Responsible for the plumbing and fire protection design for the new Gold Coast Library in Glen Head, NY. The full-service library will include community rooms, study rooms, offices, and bathrooms.
- Westhampton Beach Fire District New Headquarters Facility; Westhampton Beach, NY: Plumbing and Fire Sprinkler Design Engineer for the new 30,000 square foot building that includes five drive-thru apparatus bays, bunker gear and apparatus support spaces, District and Department offices, training room, large multipurpose/meeting room with kitchen, fitness center, and lounge/recreation space. The facility achieved LEED Gold certification.
- North Babylon Public Library Addition; North Babylon, NY: Design of all plumbing and fire protection systems for a new building addition to accommodate an accessible meeting room, additional staff offices, lounge area, and toilet rooms.
- Various Insurance Providers; Various Locations: Plumbing and Fire Sprinkler Inspector providing inspections and forensics services, witness testing, and reports for insurance claims from various providers.
- New York City Housing Authority (NYCHA) Bronx River Houses Boiler Replacement; Bronx, NY: Plumbing Design Reviewer for the $25.3 million replacement of five steam boilers and decoupling of the steam heat exchangers with gas-fired domestic water heating systems.

NEW JERSEY DIVISION OF CONSUMER AFFAIRS

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License Information

Accurate as of May 06, 2024 2:33 PM

Return to Search Results

Name: JONATHAN MURATORE

Address: South Setauket,NY

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE05698300

License Status: Active

Status Change Reason: License Issuance

Issue Date: 7/6/2021

Expiration Date: 4/30/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6

Documents

No Public Documents

Christopher J. McDermott

Project Engineer - Plumbing & Fire Protection Engineering

Mr. McDermott is a project engineer with experience in plumbing and fire protection engineering. He is experienced in the preparation of construction contract documents and construction administration. Mr. McDermott is knowledgeable in domestic water service and distribution systems, backflow prevention design and permitting, sanitary, waste and vent systems, grease interceptors, gas pipe sizing, compressed air systems, and fire sprinkler and standpipe systems.

Education

B.S., Mechanical Engineering Technology; Farmingdale State College

Memberships

American Society of Plumbing Engineers

Selected project experience

- Uniondale Union Free School District Uniondale High School Additions and Renovations; Uniondale, NY: Responsible for plumbing, gas, and acid waste design for multiple additions and renovations at Uniondale High School.
- North Babylon Public Library Addition; North Babylon, NY: Design of all plumbing and fire protection systems for a new building addition to accommodate an accessible meeting room, additional staff offices, lounge area, and toilet rooms.
- New York City Housing Authority (NYCHA) Bronx River Houses Boiler Replacement; Bronx, NY: Plumbing Design Reviewer for the $25.3 million replacement of five steam boilers and decoupling of the steam heat exchangers with gas-fired domestic water heating systems.
- North Massapequa Fire Department; Massapequa, NY: Design of all new plumbing and fire protection systems for a new two-story addition to the North Massapequa Fire Department. The addition includes an apparatus bay, storage mezzanine, and storage space above the new apparatus bay.
- Bergen County Boat House; Bergen County, NJ: Design of all plumbing and fire protection systems associated with the replacement facility for the Bergen County Rowing Center. The boat house is a 16,000 square foot facility comprising a boat storage area, maintenance area, and indoor training facility.
- Primrose School at Woodbury; Woodbury, NY: Design for all plumbing and fire protection systems for a new preschool facility to accommodate multiple classrooms, a new warming kitchen, offices, various support rooms, and an adjacent tenant space.
- Various Insurance Providers; Various Locations: Plumbing and Fire Sprinkler Inspector providing inspections and forensics services, witness testing, and reports for insurance claims from various providers.

Kevin M. Paul AIA, NCARB, LEED AP, CFM

Senior Vice President,
Discipline Director - Private Sector Real Estate

Mr. Paul possesses more than 40 years of experience in the design and construction industry. His portfolio of experience includes industrial facilities, multi-family housing, municipal buildings, assisted living facilities, and other private-sector projects in New York, Connecticut, Florida, and New Jersey. Mr. Paul also brings unique experience in storm hardening and resiliency. As an ASFPM Certified Floodplain Manager, he has managed the repair and elevation of storm-damaged homes in flood-prone areas since 1993. As Director for H2M's Private Sector Architecture discipline, he is responsible for the overall performance, management, and supervision of H2M's architectural staff for that sector.

Selected project experience

- Mayor's Housing Recovery Office's (HRO) Build it Back Program; Brooklyn, NY: Project Manager responsible for directing all H2M services under the Brooklyn Build it Back program. The program was managed by the NYC Department of Design and Construction (NYCDDC). The program provided CDBG-DR funding to Sandy impacted homeowners throughout the City for permanent repairs and resiliency measures including home elevations and full reconstructions at elevations above the Base Flood Elevation (BFE). Responsibilities included managing all architectural services on Sandy damaged homes ranging from semi-detached to attached homes including initial homeowner meeting and documentation of existing conditions, evaluation of available options for raising the lowest floor elevation to design flood elevation, detailed design of proposed elevation/reconstruction option and DOB submittals.
- Metro-North Railroad Hudson Line Stations; Various Locations, NY: Designed platform and canopy improvements for a number of Metro-North stations on the Hudson Line.
- Town of Brookhaven Records Storage Facility; Bellport, NY: Oversaw a team that a buildings condition assessment and prepared drawings and specifications for the purchase and expansion of the existing storage facility. Worked with the client to value engineer an approach that fell within their budget due to escalating costs related to the COVID-19 pandemic.
- New York Institute of Technology Salt Shed and Site Improvements; Old Westbury, NY: Led the team responsible for the design of a new pre-engineered salt shed building to accommodate 60 tons of salt and a new pre-engineered canopy over the fuel dispenser island.
- South Shore Charter School Building Renovation; Central Islip, NY: Oversaw a site assessment, zoning analysis, schematic site design, and special permit application assistance to renovate and convert an office building into a charter school.
- New York Institute of Technology New School of Health Professions Building; Old Westbury, NY: Oversaw the development of a conceptual design for the proposed new School of Health Professions facility.
- New York Institute of Technology New Campus Commons Building; Old Westbury, NY: Design of a new 88,650 square foot Commons Building, including food service, multi-purpose spaces, student programming, and community spaces.
- Ørsted Sunrise Wind Warehouse and Command Center; Setauket, NY: Served as Principal-in-Charge for the alteration of an existing warehouse to a 60,000 square foot state-of-the-art Operations and Control Data Center, offices, and warehouse to achieve the owner's requirements of LEED certification. Collaborated with the client regarding scope of work updates as additional wind farms were added and assisted the client with standardizing framework for potential future projects.
- Gabrielli Truck Sales New Commercial Truck Repair Facility; Dayton, NJ: Led the design of a new sales/leasing facility for Gabrielli Truck Sales. The new building consists of a first floor containing truck bays, mechanical room, electrical room, tool storage, janitor's closet, egress stairs, mezzanines, office area with four private offices, vestibule, storage room, open office area, and restrooms.

Education

B.Arch; New York Institute of Technology

A.A.S.; Suffolk Community College

Licenses/ Certifications

Registered Architect: NY, NJ, CT, PA, MA, MD, ME, VA, FL

NCARB

LEED Accredited Professional, USGBC

ASFPM Certified Floodplain Manager

CAL/OES Safety Assessment Certification

Memberships

American Institute of Architects (AIA)

New York State Floodplain and Stormwater Managers Association (NYSFSMA)

New Jersey Association of Floodplain Managers (NJAFM)

Association of State Floodplain Managers (ASFPM)

Teaching

Adjunct Professor, Farmingdale State College

Publications

"How an Informed Property Maintenance Plan Can Prevent Structural Failures" NYREJ, August 24, 2021

"OPINION: Building A Solution: Balancing the Housing Market One 3D-Printed Home at a Time," NJBiz, June 28, 2021

"New York Must Prepare for the Storms of Tomorrow" NYREJ September 10, 2024

"Developing Long Island for Wildfire Resiliency" NYREJ, March 25, 2025

"New Jersey Flood Risks Are Not Just Coastal" NJBIZ October 21, 2024

Next ⟶

Kevin M. Paul AIA, NCARB, LEED AP

Senior Vice President,
Discipline Director -
Private Sector Real Estate

- Castle Lanterra Vue at Belleair Phase II; Clearwater, FL: Leading a team responsible for the expansion of an existing apartment complex by designing two new building with 72 and 97 units, respectively. Worked with owner's civil engineer to synergize the site and building design and allow the site to complement the buildings' active design. The multi-story, wood frame buildings include luxury apartments and amenities, including clubrooms, lounges, a state-of-the-art fitness room, and recreational common spaces.

- Castle Lanterra The Quadrangle Residential Housing Feasibility Study; Orlando, FL: Oversaw the development of the preliminary concept design of a multi-story, multi-family apartment building with integrated parking levels. Collaborated with the client's Civil Engineer with respect to design options and layouts.

- Gabrielli Truck Sales New Commercial Truck Repair Facility; Bronx, NY: Supervised the design of a new 38,000 square foot, two-story commercial truck repair and fit-out facility with accessory offices, employee facilities, storage, truck wash bay, and traveling crane. The building was designed using a pre-engineered steel frame.

- Gabrielli Truck Sales Facility Renovation; Bethpage, NY: Managed the design services for a renovation of an existing building consisting of a first floor with 17,600 square feet and a second floor with 1,464 square feet. The first floor includes sales, service and leasing office areas on the east side of the building. The remaining internal garage bays service those areas as needed. The second floor was renovated to include a locker room, toilets and breakroom.

- The Saint Bernard Project Flood Mitigation; Staten Island, NY: Principal-in-Charge for the design of flood mitigation measures for 32 homes. Oversaw performance of initial damage assessments, formulation of flood mitigation plans incorporating home elevations to the Design Flood Elevation (DFE), replacement of mechanical systems, and management of homeowner logistics. Served as technical advisor to H2M team, and helped conduct homeowner interviews and design presentations.

- KCT Water Island Residential Alterations; Water Island, NY: Managed a due diligence investigation and prepared conceptual site/structure improvement plans to elevate the existing residential structure. Designed an innovative and alternative on-site wastewater treatment system.

Next ⟶

NEW JERSEY DIVISION OF
CONSUMER AFFAIRS

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License Information

Accurate as of December 28, 2023 1:27 PM

Return to Search Results

Name: KEVIN M PAUL

Address: Sayville,NY

Profession/License Type: Architecture,Registered Architect

License No: 21AI02201600

License Status: Active

Status Change Reason: License Issuance

Issue Date: 6/22/2021

Expiration Date: 7/31/2025

NO Board Actions. For more information contact New Jersey State Board of Architects - 973-504-6385

Documents

No Public Documents

William H. Rockensies P.E.

Senior Vice President, Director of Construction Services

Mr. Rockensies is an accomplished professional engineer with 40+ years of experience. He brings a deep knowledge and understanding of the end-to-end construction and engineering process from budgeting, procurement, and contract setting through design and execution. Prior to joining H2M, Mr. Rockensies served as Commissioner of the Town of Hempstead's Department of Engineering, leveraging his engineering expertise, skills as a problem-solver, and ability to manage complex projects to ensure the Town's infrastructure was more than sufficient for its nearly one million residents. He led multi-million dollar programs for the Town that ranged from disaster recovery efforts in the wake of Hurricane Sandy to their annual Capital Construction Program. As Director of H2M's Construction Services Division, Mr. Rockensies manages the group that oversees various construction projects, including water mains, water treatment facilities, public utilities, directional drilling operations, roadway resurfacing and reconstruction, storm drain installation, street lighting, and traffic signal upgrades.

Education

BS, Civil Engineering; Manhattan College

Licenses/ Certifications

Professional Engineer: NY

OSHA 10-hour Construction Safety & Health

Memberships

American Public Works Association

Offices Held

Nassau County Industrial Development Agency, Chairman

American Society Civil Engineers/Long Island Branch, President

Cathedral Gardens Water District, Commissioner

Town of Hempstead EFCU, Director

Honors/Awards

NY Society of Professional Engineers – Engineer of the Year 2006

Long Island Contractors Association Award – 2015 Public Partner Leader

Selected project experience

- Town of Islip Housing Authority Governor's Office of Storm Recovery (GOSR) Program Management; Islip, NY: Program Manager responsible for assisting the Housing Authority with the management of their GOSR-funded projects. Tasks included project development, application review, procurement, schedule review, design review, M/WBE requirements, bidding, construction monitoring, and project closeouts.
- Broadview Senior Living Complex at Purchase College; Purchase, NY: Project Manager responsible for overseeing municipal building code inspection services for the construction of a senior living community on the campus of SUNY Purchase College. The community, which is currently under construction, will include 220 independent living apartments and villas for seniors ages 62 and older, as well as enhanced assisted living and memory care suites. Amenities include a fitness center, indoor pool, salon, movie theatre, and library.
- SUNY Purchase College New Residence Hall Building Inspection Services; Purchase, NY: Project Manager responsible for overseeing municipal building code inspection services for the construction of a new campus residence hall. Visited the site, as needed, to perform the required inspections, including footing, foundation, framing, insulation, fire stopping, fire sprinkler system, plumbing, and electrical. Prepared a report of each inspection performed with photographs of findings and issued notices to the contractor for any items requiring correction.
- Ørsted Sunrise Wind Warehouse and Command Center; Setauket, NY: Oversaw construction inspection services for the alteration of existing warehouse to a 60,000 square foot state-of-the-art Operations and Control Data Center, offices, and warehouse to achieve the owner's requirements of LEED certification.
- Nassau County Department of Public Works Grand Avenue Sewer Collapse On-Call Emergency Engineering Services; Baldwin, NY: Responsible for all construction inspection services during the emergency repair work on the Grand Avenue sanitary sewer collapse in Baldwin, a task order project under Environmental Facilities On-Call Design Services Agreement.
- Town of Hempstead Beltagh Avenue Construction Inspection; Wantagh, NY: Providing construction layout of proposed improvements; attending pre-construction meetings; overseeing daily inspection tasks, including concrete slump and air content tests; monitoring construction schedule; and coordinating with stakeholders.
- Village of Malverne Pine Stream Drainage Improvements; Malverne, NY: Technical Advisor for storm drain improvements for a Village park adjacent to Pine Stream. Work involves installation of a new storm drain system and regrading of two baseball fields to prevent flooding.
- City of Glen Cove Garvies Point Master Redevelopment; Glen Cove, NY: Project Manager responsible for part-time construction inspection and engineering services for the Garvies Point redevelopment project. The project included construction of a promenade, park areas, and installation of bulkhead and storm drain systems.
- Town of Hempstead Paving of Orchid Road and Violet Lane; Levittown, NY: Project Manager responsible for construction inspection for the installation of new pavement and handicap ramps. 1.4 total miles of pavement were ripped up to the sub base and new pavement was installed on both streets. Sections of sidewalk and curb were removed and replaced, and 70 new handicap ramps were installed at the intersections on Orchid Lane and Violet Road.

Reginald E. Franklin

Construction Administrator

Mr. Franklin is a construction administrator with a background in architecture and design. His experience includes advising clients during construction; quality control; construction observation; responses to requests for information (RFIs), contractor changes, and payment; and review of shop drawings, product data, sample submittals, payment applications, and change order requests. Mr. Franklin is proficient in Autodesk Build, Trimble Viewpoint Construction Management, Bluebeam, Primavera CM 13 Construction Management, AutoCAD, and Revit.

Education

Professional Development, Revit Architecture (BIM); New York University

Bachelor of Architecture; University of Miami

Selected project experience

- Clifton Public Schools; Clifton, NJ: Provided construction administration services for approximately $25 million in renovation projects at Clifton High School. Work included HVAC upgrades, electrical service upgrades, bathrooms upgrades, and a boiler replacement. In addition, provided construction administration services for renovation of the music suite.
- New York City School Construction Authority; New York, NY: Produced and coordinated scope reports, construction drawings, specifications, and cost estimates for public school renovation projects throughout the five boroughs of New York City. Provided construction administration services for select projects. Performed building condition assessment survey (BCAS) inspections and produced reports for various schools. Select projects included:
  - IS265K, Brooklyn: Roofs, Exterior Masonry Envelope (Budget $10.3 Million)
  - PS333Q, Queens: Roofs, Exterior Masonry Envelope (Budget $5.7 Million)
  - IS45X, Bronx: Gym Floor, Gym Roof, Path of Travel (Budget $1.6 Million)
- Watchtower Bible and Tract Society of New York, Inc.; Brooklyn and Warwick, NY: Produced construction drawings for the new construction of administrative Offices and a 456,000 square foot services building, including a bible museum, for Watchtower's world headquarters complex in Warwick, NY. Developed architectural drawings for the renovation of various houses of worship.

Jerold Blustein LSRP

Senior Associate,
Department Manager - Environmental Services

Mr. Blustein is a Licensed Site Remediation Professional (LSRP) and Department Manager with over 20 years of environmental consulting experience. His responsibilities have included the design, oversight, and implementation of groundwater, soil, and sediment contamination investigations and remedial actions, Underground Storage Tank (UST) system closures/investigations, preparation and submission of compliance reports including Preliminary Assessment Reports, Site Investigation Reports, Remedial Investigation Reports, Remedial Action Work Plans, and Remedial Action Reports.

Additional responsibilities have included client and regulatory agency coordination, document review, bid solicitation and contractor selection, contractor oversight for remediation activities ranging from excavation and disposal to installation of containment walls and sediment removal, and Phase I and Phase II Assessments of commercial and residential properties.

Education

B.S., Environmental Science, Minor in Geology; Dickinson College

Licenses/ Certifications

Licensed Site Remediation Professional: New Jersey

OSHA 40-Hour HAZWOPER Training

OSHA 10-Hour Construction Health & Safety

OSHA 8 Hour Annual Refresher

DOT - Basic HAZMAT Training

NJDEP Unregulated Heating Oil Tank (UHOT)

30 hour AutoCAD Basic Training

Memberships

New Jersey Licensed Site Remediation Professionals Association (NJ Chapter)

Selected project experience

- Essex County Improvement Authority Essex County Airport; Fairfield, NJ: Project Manager for monthly A/B Operator compliance. Coordinated and oversaw monthly inspections of four UST systems to ensure compliance with New Jersey's Underground Storage Tank Rules (N.J.A.C. 14B). Provided assistance with annual UST system certifications and periodic testing of tanks. Assisted client with registration renewals and updates to the UST Facility Certification Questionnaire when changes to the UST systems were made. Corresponded with the NJDEP during and after inspections to answer questions and clarify system components.

- Monmouth County LSRP of Record: Monmouth, NJ: Project Manager and LSRP of record for County owned or formerly owned properties with on-going remediation. Responsible for the design and coordination of remedial activities (soil boring and monitor well installation, soil and groundwater sampling, remedial phase reporting) intended to bring each site to closure within the NJDEP's prescribed Remedial Action Timeframes. Assisted the County with on-call services including a Linear Construction Project involving the removal of a UST from the Right-of-Way, vapor intrusion investigation, including sub-slab soil gas sampling and indoor air sampling in a County owned building. Maintained consistent correspondence with County personnel regarding the status of projects and budgets.

- Borough of Sea Girt DPW Facility; Sea Girt, NJ: LSRP of Record for groundwater contamination due to leaking UST systems at DPW facility. In-situ chemical oxidation (ISCO) was used to mitigate the majority of petroleum related compounds in groundwater but was ineffective for several constituents. Completed annual Permit-by-Rule Discharge Reporting summarizing ISCO injections. H2M revised an existing CEA and proposed monitored natural attenuation as a more cost effective remedial alternative for the remediation of the remaining petroleum related constituents.

- NJDEP Former Susan's Cleaners; Saddle Brook, NJ: Retained as LSRP of record by the NJDEP to conduct a Preliminary Assessment, Site Investigation/Remedial Investigation of a former dry cleaning facility with impacted soil and groundwater This work was performed under H2M's Multi-Year Remedial Investigation/Remedial Design/Remedial Action Term Contract with the NJDEP.

- PSEG Former Utility Facility; Plainfield, NJ: Project Manager for a pre-design investigation to determine if in-situ stabilization/solidification (ISS) could be implemented at this site owned by a third party. Assisted in the negotiation for access with on-site and off-site property owners. Developed and implemented an soil investigation to determine if historic impact to groundwater exceedances required remediation. Coordinated waste classification sampling and geotechnical soil sampling to assist in the development of a construction bid specifications. Compliance reporting included an amended Remedial Action Work Plan.

- PSEG Former Utility Facility; Camden, NJ: Developed a sediment investigation and remediation plan in the Delaware River for a former utility facility. Responsibilities included the review of contractor submitted documents, coordination of field activities, implementation/oversight of sediment sampling and analysis, data review and compliance reporting including the completion of a Remedial Action Work Plan (RAWP). Additional duties included development and implementation of the Perimeter Air Monitoring Plan (PAMP) and permit assistance including the preparation of NJDEP Waterfront Development and Discharge to Surface Water, US Army Corps permit applications for remediation project within the Delaware River.

SRP Licensed Site Professional Confirmation

License Number	628093
LRSP Name	JEROLD M BLUSTEIN
License Expiration Date	06/04/2026
License Type	LICENSED SITE REMEDIATION PROFESSIONAL
Address	4810 BELMAR BLVD STE 201 H2M ASSOCIATES
City	Wall
State	NJ
Business Phone #	(732) 348 - 7005
Email	JBlustein@H2M.com

Assessment Type	Billed Amount	Received Amount	Due Date	Bill Status
Fee(Initial Application)	$400.00	$400.00	3/1/2014	Closed (Paid In Full)
FEE(Initial License)	$600.00	$600.00	6/6/2014	Closed (Paid In Full)
FEE(LSRP License Annual Fee)	$900.00	$900.00	1/19/2015	Closed (Paid In Full)
FEE(LSRP License Annual Fee)	$900.00	$900.00	1/22/2016	Closed (Paid In Full)
FEE(LSRP License Annual Fee)	$900.00	$900.00	2/3/2017	Closed (Paid In Full)
FEE(LSRP License Annual Fee)	$900.00	$900.00	1/15/2018	Closed (Paid In Full)
FEE(LSRP License Annual Fee)	$900.00	$900.00	1/19/2019	Closed(Paid Web)
FEE(LSRP License Annual Fee)	$900.00	$900.00	1/13/2020	Closed(Paid Web)
FEE(LSRP License Annual Fee)	$900.00	$900.00	1/16/2021	Closed(Paid Web)
FEE(LSRP License Annual Fee)	$900.00	$900.00	12/24/2021	Closed(Paid Web)
FEE(LSRP License Annual Fee)	$900.00	$900.00	12/15/2022	Closed(Paid Web)
Fee(Renewal)	$87.00	$87.00	3/8/2023	Closed(Paid Web)
Fee(Renewal)	$95.00	$95.00	3/7/2020	Closed(Paid Web)
Fee(Renewal)	$100.00	$100.00	4/1/2017	Closed (Paid In Full)

Jeffrey P. Lynes LSRP

Senior Environmental Scientist

Mr. Lynes is a Licensed Site Remediation Professional (LSRP) with over 18 years of environmental consulting experience with federal government, local government, commercial, and industrial clients. His responsibilities have included the design oversight and implementation of groundwater, soil, sediment, vapor intrusion contamination investigations and remedial actions. He is experienced in the preparation of Preliminary Assessment Reports, Site Investigation Reports, Remedial Investigation Reports, Remedial Action Work Plans, Remedial Action Reports, Uniform Federal Policy for Quality Assurance Plans, and Project Management Plans. Additional responsibilities have included geographic information system (GIS) mapping, database management, client and regulatory agency coordination, document review, bid solicitation, contractor selection, and contractor oversight for remediation activities.

Education

B.S., Environmental Science/Policy and Geography; University of Maryland

Licenses/ Certifications

Licensed Site Remediation Professional: NJ

OSHA 40-hour HAZWOPER

OSHA 30-hour Construction Safety

OSHA 10-hour Construction Safety

OSHA 8-hour Annual Refresher

OSHA Site Manager and Supervisor

First Aid/CPR, American Red Cross

Selected project experience

- Iselin Fire District No. 9 UST Removal; Iselin, NJ: Served as LSRP during the removal of USTs located at Iselin Fire District No. 9 in Iselin, NJ, within the Township. H2M understands There were two existing USTs at the site, including one 1,000-gallon unleaded gasoline UST and one 2,000-gallon diesel UST.
- US Army Corps of Engineers (USACE) Former Somerville Depot Remedial Activities; Hillsborough, NJ: Managed the day-to-day operations of the remediation of approximately 90,000 cubic yards (160,000 tons) of metals and polynuclear aromatic hydrocarbon impacted soils. Tasks included writing Remedial Action Workplan (RAWP), Project Management Plan, Quality Assurance Project Plan (QAPP), Accident Prevention Plan, and contract modifications. Additional tasks included monthly progress and billing reports to USACE; coordination with client, LSRP, construction team, and subcontractors; reviewing subcontractor invoices; setting up purchase orders; coordination; and review of post-excavation samples.
- Confidential Client Remedial Investigation; Hoboken, NJ: Managed Remedial Investigation (RI) activities, including writing proposals, Preliminary Assessment Report, RAWP, and public outreach documents. Coordinated with subcontractors, set up sampling events, obtained municipal permits, and reviewed analytical data.
- BP IPO Projects; Keasbey and Matawan, NJ: Managed day-to-day operations of two BP IPO cost-to-closure projects. Tasks included writing RAWPs and remedial action reports, remedial action permits, Groundwater Classification Exception Areas (CEAs), Remedial Action Outcome (RAO), deed notices, reviewing historical data, and managing field groundwater and soil sampling events.
- New Jersey Turnpike Authority (NJTA) Chromium Sites Remedial Investigation/Remedial Action; Piscataway, NJ: Managed two NJTA chromium site remediation projects. Tasks included coordinating sampling events, reviewing field team data, and writing work plans and RI reports. Coordinated with subcontractors, set up purchase orders, reviewed subcontractor invoices, and created GIS figures.
- Confidential Client Remedial Action; Harrison, NJ: Managed Predesign Investigation Reports (PDIs) of petroleum hydrocarbons and polychlorinated biphenyls for two Areas of Concern. Wrote work plans and PDI reports, coordinated with subcontractors, reviewed invoices, and managed field staff. Additional tasks included GIS and data management activities associated with site investigations.
- Confidential Client ISRA Site Remediation; Fair Lawn, NJ: Managed the remediation of chlorinated solvents in groundwater at a former cutting-tool manufacturing facility under the NJDEP ISRA and US Environmental Protection Agency (USEPA) CERCLA programs. Tasks included coordinating with subcontractors, evaluation of groundwater results in multiple aquifers, evaluation of historical data to document off-site chlorinated solvent source, and creating various GIS figures related to site activities.
- USEPA Region 2 Site Assessment Contract; Various Sites across New Jersey, New York, and Puerto Rico: Tasks included completing soil, sediment, and tap water samples, Scribe database management, and collecting GPS points for multiple Site Assessment Team sites in New York, New Jersey, and Puerto Rico. Created figures for multiple EPA SAT Region 2 projects. Maps were created for site location, 4-mile radius of site, and 15-mile pathway from the site location. The four-mile radius maps contained Hazard Ranking System-eligible wetlands, public supply wells, and wellhead protection areas where applicable. The 15-mile pathway maps included the pathways, HRS-eligible wetlands, and frontage along the pathway. Also performed calculations to find the total HRS-eligible wetlands within the 4-mile radius, and calculated wetland frontage along the 15-mile pathways. Additional projects include Hurricane Katrina/ Rita Response, BP Oil Spill Response, and Hurricane Sandy Response work.

SRP Licensed Site Professional Confirmation

License Number	837272
LRSP Name	JEFFREY P LYNES
License Expiration Date	01/15/2027
License Type	LICENSED SITE REMEDIATION PROFESSIONAL
Address	4810 BELMAR BLVD STE 201 H2M ASSOCIATES INC
City	Wall Twp
State	NJ
Business Phone #	(732) 348 - 7010
Email	JLynes@H2M.com

Assessment Type	Billed Amount	Received Amount	Due Date	Bill Status
Fee(Initial Application)	$400.00	$400.00	1/26/2020	Closed (Paid In Full)
FEE(Initial License)	$675.00	$675.00	2/6/2021	Closed(Paid Web)
FEE(LSRP License Annual Fee)	$900.00	$900.00	12/24/2021	Closed(Paid Web)
FEE(LSRP License Annual Fee)	$900.00	$900.00	12/15/2022	Closed(Paid Web)
Fee(Renewal)	$100.00	$100.00	10/18/2023	Closed(Paid Web)

Carmela R. Schommer L.L.A.

Senior Landscape Architect

Ms. Schommer is a landscape architect with more than 40 years of diverse site development experience. Her range of experience includes land evaluation for land use planning, landscape architecture, wetlands delineation, environmental permitting, and project management. She has provided expert interpretation and assessment of projects related to land use regulation. Furthermore, Ms. Schommer represents clients to provide expert testimony at public hearings before municipal planning boards and boards of adjustment as an expert witness in landscaping and site planning.

Prior to H2M, Ms. Schommer was a principle with Schommer Engineering, Inc., and an Associate with Johnson Engineering. She held the title of Licensed Landscape Architect and Environmental Specialist, where she specialized in wetlands delineation and permitting.

Education

B.S., Environmental Planning and Design, Landscape Architecture; Rutgers University

Licenses/ Certifications

Licensed Landscape Architect: NJ

Memberships

New Jersey American Society of Landscape Architects

New Jersey Nursery and Landscape Association

Native Plant Society of New Jersey

Great Swamp Watershed Association

Selected project experience

- The Oratory School of Summit; City of Summit, NJ: Provided construction details, construction administration, and zoning analysis for the City of Summit project site. Responsible for site layout, grading, lighting, landscaping, soil erosion, and sediment control.
- St. Hubert's Animal Welfare Center; Madison, NJ: Provided construction details and construction administration for the project site. Responsible for site layout, grading, lighting, landscaping, soil erosion, and sediment control. Also provided zoning analysis and wetland delineation. Worked with New Jersey State permitting to finalize project.
- Kearney Avenue Townhouse Development; City of Jersey City, NJ: Responsibilities included site layout, grading, lighting, landscaping, soil erosion, and sediment control. Provided zoning analysis, construction details, and construction administration for the City of Jersey City.
- Hamilton Lofts Apartments; City of Newark, NJ: Provided site layout, grading, lighting, landscaping, soil erosion, and sediment control for the project. Additionally, provided a zoning analysis and construction administration.
- Baltusrol Golf Club; Township of Springfield, NJ: Provided site layout, grading, lighting, landscaping, soil erosion, and sediment control. Provided zoning analysis, construction administration, and detailing.
- Holy Name Cemetery; City of Jersey City, NJ: Responsible for conceptual site planning and project management for the City of Jersey City.
- 9/11 Memorial; Lebanon Township, NJ: Provided project management for site layout and planning.

License Information

Accurate as of May 06, 2024 2:25 PM

Return to Search Results

Name: CARMELA R SCHOMMER

Address: Chester,NJ

Profession/License Type: Landscape Architecture,Licensed Landscape Architect

License No: 21AS00081300

License Status: Active

Status Change Reason:

Issue Date: 9/27/1999

Expiration Date: 5/31/2026

SPL:

NO Board Actions. For more information contact New Jersey State Landscape Architect Examination and Evaluation Committee (973)504

Documents

No Public Documents

Kenneth A. Keltai RLA, LLA, ISA

Assistant Vice President
Practice Leader - Landscape Architecture

Mr. Keltai is a Landscape Architect and International Society of Arboriculture (ISA) Certified Arborist with over 25 years of experience guiding projects from conceptual design through construction. He has expertise in multi-discipline transportation-oriented infrastructure, urban design, and landscape restoration projects throughout the New York metropolitan area. Mr. Keltai has strong problem-solving abilities while adhering to an aesthetic design direction. He has excelled at leading, supporting, and coordinating colleagues to promote creative solutions that result in collaborative team success. He also holds an extensive knowledge of site inspection before, during, and at completion of multiple transportation projects, and is known for his technical expertise in solving complex design and construction issues, which minimize change orders and schedule overruns.

Education

MLA, Landscape Architecture
University of Pennsylvania

BA, Art History, Pre-Architecture
Binghamton University

Licenses/ Certifications

Registered Landscape Architect: NY

Licensed Landscape Architect: NJ

ISA Certified Arborist

Advanced Certificate, Construction Management; NYU Schack Institute of Real Estate

OSHA 10-hour Construction Safety & Health

NYSDAM Asian Longhorned Compliance

4-hour NYSDEC Erosion and Sediment Control

Memberships

American Society of Landscape Architects (ASLA)

International Society of Arboriculture (ISA)

Selected project experience

- Town of Hempstead Franklin Avenue and 1st Avenue Streetscape; Franklin Square, NY: Project Manager for the design of approximately 360 linear feet of new sidewalk paving with streetscape amenities on the east sidewalk of Franklin Avenue running north from the 1st Avenue intersection in Franklin Square. Streetscape enhancements include distinctive sidewalk pavement scoring, a stamped concrete strip running along the curb line, pedestrian lighting, street tree planting, and existing street tree mitigation.

- Oceanside Library Addition and Alterations; Oceanside, NY: Lead Landscape Architect for the landscape design as part of the 48,000 square foot addition and alteration to Oceanside Library. The landscape scope included the layout; paving and planting design for the Library's interior courtyard reconfiguration; and a new public plaza with paving, benches, and plantings.

- Gold Coast Public Library New Library; Glen Head, NY: Lead Landscape Architect and Arborist for the landscape site plan approval for the new Gold Coast Public Library. The landscape scope included site planting for new sidewalks, the parking lot and roundabout, and an outdoor reading garden. Site grading and plantings were also integrated into the landscape to define space for a future outdoor amphitheater. Several specimen trees were also preserved and mitigated on site. A colored landscape plan rendering with plant material images were submitted for the Town's Department of Environmental Review for approval.

- Mastics-Moriches Shirley Community Library New Branch; Mastic Beach, NY: Lead Landscape Architect for the design of an existing building's addition to be renovated for a new Library. The landscape design included a 6,500 square foot rain garden to collect stormwater from the Library roof and adjacent parking lot.

- Inc. Village of Malverne Pine Stream Extension; Malverne, NY: Lead Landscape Architect and Arborist for improving public access to the Pine Brook stream at Whelan Park. This flood mitigation project will restore the 5.72-acre park's environmental and ecological health. Wetland buffers will be enhanced by establishing native riparian buffers and managing existing invasive vegetation. New river steps at several locations along the western side of Pine Stream will provide physical access to the stream. Permitting drawing packages were submitted to both NYSDEC and USACE.

- Inc. Village of Westhampton Beach Main Street Improvements Design; Westhampton Beach, NY: Landscape Architect responsible for leading the planting design to bolster Main Street's appearance. New street trees were planted in a permeable paving strip to improve stormwater quality. Structural soils were placed beneath pavements next to trees to promote root growth and minimize soil compaction. Intersection extensions reducing crosswalk distance were planted with deer-resistant and drought-tolerant ornamental grasses, perennials and ground covers providing year-round seasonal interest. Project received a 2020 ACEC Platinum Engineering Award.

- Village of Tarrytown/Westchester County Planning RiverWalk Extension at Losee Park; Tarrytown, NY: Project Manager for the Hudson RiverWalk Extension along Losee Field. Managed and QA/QC reviewed design and production of bid plans, details, and cost estimates. Presented conceptual design to Village of Tarrytown Board for project approval.

License Information

Accurate as of July 24, 2024 2:43 PM

Return to Search Results

Name: KENNETH A KELTAI

Address: Melville,NY

Profession/License Type: Landscape Architecture,Licensed Landscape Architect

License No: 21AS00143200

License Status: Active

Status Change Reason: License Issuance

Issue Date: 1/20/2023

Expiration Date: 5/31/2026

SPL:

NO Board Actions. For more information contact New Jersey State Landscape Architect Examination and Evaluation Committee (973)504

Documents

No Public Documents

Katia D. Duque P.E.

Associate, Senior Discipline Engineer - Structural Engineering

Ms. Duque is a structural engineer with more than 30 years of experience. Her responsibilities include the project management and structural design of industrial, commercial and sanitary structures. Ms. Duque has experience with the renovation and evaluation of existing historic structures, as well as with the design of prefabricated storage, equipment, and garage facilities and new low-rise buildings and additions, ranging from foundation to superstructure. She is familiar with the inspection, evaluation, and design of marine structures such as docks and piers.

Education

M.E., Structural Engineering, Minor: Geotechnical Engineering; Cooper Union School of Engineering

B.E., Civil Engineering; Cooper Union School of Engineering

Licenses/ Certifications

Professional Engineer: NY, NJ, CT, PA, VA, DE, FL, MA

Memberships

American Society of Civil Engineers

National Society of Professional Engineers

Honors/Awards

National Association of Women in Construction Fellowship

The Cooper Union Fellowship

Selected project experience

- New York City Housing Authority (NYCHA) Smith Houses and Astoria Houses Storm Hardening; New York and Queens, NY: Responsible for improving storm resiliency of multiple residential communities for NYCHA by hardening the existing building envelopes and designing a flood wall.
- Municipal and Residential Clients: Structural inspection, evaluation and reports with recommendations for Point Lookout, Inc. Village of Bayville, Inc. Village of Great Neck, and various residential properties
- Passaic Valley Sewerage Commission (PVSC) New Oxygen Production Facility; Newark, NJ: As a subconsultant, provided a limited visual inspection and site walkthrough to document existing conditions for replacement of the PVSC's Oxygen Production Facility. The PVSC intends to replace two existing 480 tons per day (TPD) cryogenic air separation units with three new vacuum pressure swing adsorption (VPSA) oxygen production units. Recommended and designed roof replacement and facade repair, as well as interior renovations to address water infiltration, concrete spalding, and replacement of basement expansion joints. These modifications assisted the PVSC in determining the viability of repurposing the building and the installation of new equipment and systems.
- Essex County Improvement Authority (ECIA) Removal and Replacement of Aviation Gas and Jet Fuel Underground Storage Tank System at the Essex County Airport; Fairfield, NJ: Removal of existing underground storage tank (UST) and design and installation of a new UST system to provide aviation fuel at the Essex County Airport. The ECIA also requested the addition of a canopy cover for the fuel dispenser island.
- Township of Neptune Marina Building; Neptune, NJ: Design of pile and pier supported elevated structures to meet new FEMA flood elevations for the Marina Building and garage.
- Princeton First Aid & Rescue Squad, Inc. New Rescue Squad; Princeton, NJ: Provided structural engineer for a new rescue station that includes four-fold apparatus bay doors for quick response; secure, quiet, separated bunking suite; family style great room with kitchen and dining, separate study room; and integrated training features located on the mezzanine directly off the bays.
- Vails Gate Fire District New Firehouse and Storage Building; New Windsor, NY: Structural Engineer for the design development and preparation of construction documents for a new firehouse and temporary response/storage building, which is being constructed as a premanufactured building.
- Breaking Ground Drop-in Center; Queens, NY: Senior Structural Engineer for the expansion of a 12-person drop-in center and street outreach program into a larger drop-in center facility accommodating approximately 75 persons. The scope included a new handicap-accessible main entrance with a ramp, interior bathrooms, shower rooms, meeting spaces, offices, and a large multipurpose/dining space with a warming kitchen.
- Breaking Ground The Christopher; New York, NY: Senior Structural Engineer for the comprehensive $6.3 million building upgrade, encompassing exterior, interior, HVAC, plumbing, vertical transportation system, and electrical aspects for a 10-story former YMCA facility in Manhattan's Chelsea neighborhood, totaling approximately 69,000 square feet.
- Suffolk County Department of Public Works (SCDPW) Vanderbilt Museum Façade Renovation; Centerport, NY: Structural Engineer for the repair and replacement of the historic existing facade at the Vanderbilt Museum for the SCDPW. The scope of work was then revised to include replacement of roofs which were found to be a large cause of the existing damage, structural reinforcement of the existing structure, and replacement of much of the cast stone ornament.

License Information

Accurate as of May 06, 2024 2:14 PM

Return to Search Results

Name: KATIA DANIELLE DUQUE

Address: GLEN COVE,NY

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE04291300

License Status: Active

Status Change Reason:

Issue Date: 3/14/2001

Expiration Date: 4/30/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6460

Documents

No Public Documents

Joseph J. Bednarz, III P. E., CFEI

Senior Project Engineer - Environmental Services

Mr. Bednarz has more than 15 years of experience in structural engineering, including recent work in forensic investigations, property condition assessments, vibration analysis, impact and fire related damage assessments, construction defect cases, demolition analysis and inspection, litigation support, and expert witness testimony. Past experience includes building design and analysis, blast and anti-terrorism analysis (including force protection, glazing hazard analysis, and progressive collapse), and threshold inspector experience. Types of materials include reinforced concrete, steel, masonry, wood, aluminum, and cold-formed metal studs.

Education

M.Eng, Architectural Engineering (Structural); Pennsylvania State University

B.E., Architectural Engineering (Structural); Pennsylvania State University

Licenses/Certifications

Professional Engineer: NY, NJ, PA, DC, DE, FL, KY, MD, NC, TX, VA, WV

Certified Fire and Explosive Investigator (CFEI), National Association of Fire Investigators (NAFI)

Training

Man-Lift/Aerial Lift Operations Training

Memberships

American Society of Civil Engineers (ASCE)

National Society of Professional Engineers (NSPE)

National Association of Fire Investigators (NAFI)

Selected project experience

- As Senior Project Engineer (Forensics) at H2M, completes forensic and structural engineering assignments including cause and origin investigations on residential and commercial buildings within the Pennsylvania, New York, and New Jersey regions. Assesses commercial and residential damages associated with structural and storm-related failures. Conducts liability assessments and evaluated building code violations. Completes reports documenting investigation findings and expert opinions. Completes litigation support projects: research, document review, and expert report and testimony.
- Cosgrove vs. Ford Foundation Litigation Support/Construction Defect; New York, NY: Provided expert review of documents and a site inspection of an incident involving ductwork that detached and fell during construction work at an existing building.
- Walsh Hall at Rio Vista Parking Garage Assessment; Mahwah, NJ: The Condominum Association and Building Management company requested an investigation of a traffic coating that had been recently installed at this above-ground parking deck. The scope of this investigation was to opine on the cause of various leaks occurring in the garage and a general assessment of the parking garage as a whole. The Condo Association and Building Manager's counsel provided past documents for research.
- Construction Site Forensic Investigation; Whitehouse Station, NJ: Inspected an active construction site where a portion of the spread footings of a new building had settled and cracked. The issue occurred near a recent excavation for the installation of new sewer utility pipe installation. Prepared a forensic report including photographic observations and opined on the cause of the foundation failures.
- Construction Site Forensic Investigation: Brooklyn, NY: Inspected an active construction site where a pallet delivery lowered by crane had resulted in detachment and partial collapse of a floor system that was under still construction. The forensic report included document review, photographic observations, and my opinion of the cause of the partial collapse.
- Private Residence Forensic Investigation; Great Neck, NY: Performed site inspection and wrote Structural Fire Damage Assessment report to opine on the structural stability of the house structure after a recent fire to support an insurance claim investigation.
- Construction Site Litigation Support; Bronx NY: Performed document review and provided guidance to counsel concerning vibration-related damages at multiple properties adjacent to a construction site.
- Third-Party Special Inspector at Former Nabisco Factory Demolition; Philadelphia, PA: Provided full-time structural oversight inspection at the demolition construction site. Continuous/daily inspections per City of Philadelphia License and Inspection requirements. Demolished campus contained interconnected buildings with approximately 440,000 square feet of total floor area; mostly a two-story factory with eight-story tower.
- Port Imperial Condominiums Transition Study; West New York, NY: Reviewed documents and performed structural observations for a Condominium Association for the purpose of determining whether existing conditions were caused by construction defects and determining potential repair methods for short and long-term maintenance.
- Private Residence Forensic Investigation; Ocean City, NJ: Performed a site inspection and wrote a Vibration Assessment Report concerning a private house located adjacent to a property that was recently demolished.

Next ⟶

Joseph J. Bednarz, III
P.E., CFEI

Senior Project Engineer -
Environmental Services

- Forensic Investigation at Active Construction Site; Trenton, NJ: A government building adjacent to an active construction site experienced multiple moisture intrusions, and the contractor's actions were suspected to be the cause. Performed multiple site inspections, interviewed various involved parties including contractors and government employees. Reviewed documents including past photographs, construction plans, and existing drawings.

- Auto Repair Shop Forensic Investigation; Philadelphia, PA: Vehicle impact that struck an exterior wall of an Auto Repair Shop. Performed a site inspection and provided a forensic investigation report including photographic observations and recommended structural repairs.

- Private Residence Forensic Investigation; Morristown, NJ: Performed a forensic investigation after a tree fell and struck a private residence during a recent storm. Inspected the site and prepared a forensic report including photographic observations and recommended structural repairs.

- Shaft Drillers International Insurance/Litigation Support; New York, NY: Reviewed documents and provided expert report for counsel in a litigation case involving a construction site that included excavation and coastal drilling operations adjacent to an existing building.

- CTA v. Toledo Floors Construction Defect/Arbitration Testimony; Albany, NY: Provided litigation support services including document review, a site inspection, and a summary report of findings. This arbitration case involved the installation of an epoxy resin floor system at a hospital renovation project. The counsel represented the general contractor (respondent) and the floor manufacturer/installer served as the Claimant. Mr. Bednarz testified as an Expert Witness during arbitration proceedings.

License Information

Accurate as of May 06, 2024 1:52 PM

Return to Search Results

Name: JOSEPH J. BEDNARZ

Address: Wall Township,NJ

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE05145900

License Status: Active

Status Change Reason: License Issuance

Issue Date: 6/6/2014

Expiration Date: 4/30/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6460

Documents

No Public Documents

Daniel J. Aiello P.E.

Associate, Department Manager - Structural Engineering

Mr. Aiello is a structural engineer with more than 10 years of experience in the assessment and design of multi-story residential/commercial buildings, schools, storage facilities, barge bulkheads, and more. He serves as H2M's Department Manager of Structural Engineering in charge of the real estate, public safety, higher education, public agency, and energy market projects. Mr. Aiello has effectively implemented his experience with steel, concrete, masonry, wood, and cold-formed design in all his projects. He applies his background in geotechnical engineering to design various foundation systems and retaining structures.

Education

M. Eng., Structural Engineering;
Syracuse University

B.A., Civil Engineering;
Syracuse University

Licenses/ Certifications

Professional Engineer: NY, NJ, CT, FL, MD, PA

Selected project experience

- New York City Housing Authority (NYCHA) Bay View Houses Heating Plant Replacement; Brooklyn, NY: Prepared structural plans and specifications for the replacement of the existing central boiler plant and domestic hot water system located in the boiler room of Building 24. The boiler room was relocated above the Base Flood Elevation (BFE).
- Trust for Governors Island In-Depth Building Assessments; New York, NY: Performed in-depth structural inspections of buildings owned by The Trust for Governors Island. Assessed all structural elements of each building in detail and developed reports with recommendations for repair.
- Brooklyn Navy Yard Development Corporation (BNYDC) FEMA Boilers, Substations, and Isolated Electrical Work Contract; Brooklyn, NY: Structural Project Manager for the design of various FEMA-funded flood mitigation projects at 17 locations at the Brooklyn Navy Yard. Work was performed for designated flood zones and moderate wave action. The flood mitigation measures varied from elevated platforms, structural framing enhancement for equipment relocation, and flood wall design.
- New York City Housing Authority (NYCHA) Brevoort Houses Roof Water Tank Replacement; Brooklyn, NY: Prepared structural plans and specifications for the replacement of two roof water tanks at the Brevoort Houses. The proposed steel tanks required a flat platform support base and an investigation of the existing site conditions/building structure to confirm feasibility.
- New York City Housing Authority (NYCHA) East River Houses Roof Water Tank Replacement; New York, NY: Prepared structural plans and specifications for the replacement of one roof water tank at the East River Houses. The proposed steel tank required a flat platform support base and an investigation of the existing site conditions/building structure to confirm feasibility.
- New York City Housing Authority (NYCHA) Conlon Lihfe Tower Roof Water Tank Replacement; Queens, NY: Prepared structural plans and specifications for the replacement of one roof water tank at the Conlon Lihfe Tower. The proposed steel tank required a flat platform support base and an investigation of the existing site conditions/building structure to confirm feasibility.
- New York City Housing Authority (NYCHA) Woodrow Wilson Houses Roof Water Tank Replacement; New York, NY: Prepared structural plans and specifications for the replacement of one roof water tank at the Woodrow Wilson Houses. The proposed steel tank required a flat platform support base and an investigation of the existing site conditions/building structure to confirm feasibility.
- SUNY Stony Brook University New Storage Warehouse Building; Stony Brook, NY: Structural design of a new pre-engineered warehouse to store dry good and miscellaneous property of the University. The design includes foundations and footings, slab, and wall and roof framing.
- Paterson Public School District John F. Kennedy High School Gymnasium HVAC System Replacement; Paterson, NJ: Provided structural engineering services associated with the replacement of HVAC systems in the gymnasium. Evaluated the structural component of the existing walls separating the gymnasium and lower roofs at the proposed penetrations for the duct openings.
- New York Institute of Technology Salt Shed and Site Improvements; Old Westbury, NY: Provided structural engineering services for a new 60-ton capacity salt shed and fuel tank dispensary with new canopy. Coordinated design loading criteria and layout with pre-engineered structure fabricator; designed foundations, floor slab, and push walls; and prepared construction documents for the purpose of NCDOH and Village of Brookville permitting and bidding documents.

Next ⟶

Daniel J. Aiello
P.E.

Associate, Department Manager - Structural Engineering

- Ørsted New York O&M Hub Building Renovation; East Setauket, NY: Supported the design of all structural elements of a building design for the alteration of an existing 60,000 square foot warehouse with an Operational and Control Data hub and office space. The design incorporates sustainable elements where possible to attain LEED certification.
- National Grid Vaulted Sidewalk Inspection and Repair; Queens, NY: Designed and managed the rehabilitation of the vaulted portion of the existing sidewalk located in front of the payment center structure in Jamaica, Queens. The vaulted portion of the sidewalk extends approximately 50 feet along the front facade of the building and six feet away from the front of the building into the sidewalk.
- National Grid Greenpoint Campus Demolition; Brooklyn, NY: Developed existing plans for a structure to be demolished at the National Grid campus in Brooklyn. Visited site and assessed whether the building could be safely demolished if existing shoring were to be removed.
- Westchester County Daniel P. Thomas Material Recovery Facility Tipping Floor Slab Repair; Yonkers, NY: Engineering services to address structural deficiencies in the tipping floor slab located at the Westchester County Daniel P. Thomas Material Recovery Facility.
- Oceanside Public Library Addition and Renovation; Oceanside NY: Led a team of structural engineers for the design of a two-story steel framed building with a basement subject to groundwater uplift forces. One of the stand-out structural elements in this design was a large cantilevered portion of the building. Managed a team of structural engineers during the design process and coordinated the structural scope with the architects and mechanical engineers.
- Westchester County Daniel P. Thomas Material Recovery Facility Roof, HVAC, and Electrical Upgrades; Yonkers, NY: Structural engineering services in connection with the preparation of plans and specifications for the replacement of the existing roofing system and HVAC and electrical upgrades at a series of four buildings at the Daniel P. Thomas Material Recovery Facility.
- Town of Brookhaven Archived Records Center; North Bellport, NY: Provided structural engineering services for the development of construction documents for a renovated and expanded regional Archives data center. The facility will meet NYS Archival Standards, including temperature and humidity controls, and serve as a central scanning repository.
- Mastic Moriches Shirley Community Library Moriches Annex; Moriches, NY: Led a team of structural engineers for the design of a one-story wood and steel-framed building with a raised floor system and shallow foundation. Managed a team of structural engineers during the design process and coordinated the structural scope with the architects and mechanical engineers.
- Peconic Environmental Services Construction and Demolition Rail Transfer Station; Medford, NY: Structural design to build a construction and demolition (C&D) debris transfer facility on a six-acre parcel that will move C&D in the most efficient manner possible from waste delivery trucks into railcars for disposal off of Long Island. The railcars will be covered and staged to leave the property after midnight each evening.
- Peconic Environmental Services Recycling Auto Shredder Structure; Medford, NY: Planning and design of an auto shredding facility on a six-acre parcel, which will process vehicles into raw materials to be distributed in various locations domestically and abroad.
- Castle Lanterra The Vue at Belleair; Clearwater, FL: Responsible for structural engineering services for the expansion of Castle Lanterra's existing 339-unit, multi-family housing development off Old Tampa Bay, Clearwater, FL, utilizing two recently purchased north and south corner parcels.
- The Feil Organization New Apartment Buildings; Mineola, NY: Responsible for structural engineering support to demolish 56 existing garages and a single apartment building and construct two new five-story apartment buildings, each with 64 units, and two levels of parking.
- Manhasset-Lakeville Fire District New Ambulance Building; Great Neck, NY: Structural design services for a new 10,000 square foot, two-story, four-bay ambulance building, including kitchen, lounge area, bunk rooms, meeting room, and offices. The District owns the existing site and has two existing buildings located on the rear of the site that H2M designed 10+ years ago.
- Copiague Fire District New Storage Building; Copiague, NY: Preparation of structural plans and specifications for a proposed storage building for the District. Design for this pre-engineered structure includes foundations, slab on grade, and interior mezzanine.

License Information

Accurate as of May 06, 2024 2:06 PM

Return to Search Results

Name: DANIEL JOSEPH AIELLO

Address: Holbrook,NY

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE05955500

License Status: Active

Status Change Reason: License Issuance

Issue Date: 7/31/2023

Expiration Date: 4/30/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6460

Documents

No Public Documents

H2M ARCHITECTS, ENGINEERS, LAND SURVEYING AND LANDSCAPE ARCHITECTURE, D.P.C. AND AFFILIATE
DBA H2M architects + engineers

COMBINED FINANCIAL STATEMENTS

DECEMBER 29, 2023

H2M ARCHITECTS, ENGINEERS, LAND SURVEYING AND LANDSCAPE ARCHITECTURE, D.P.C.
AND AFFILIATE
DBA H2M architects + engineers

CONTENTS

GRASSI

INDEPENDENT AUDITORS' REPORT

To The Board of Directors and Stockholders
H2M Architects, Engineers, Land Surveying and Landscape
Architecture, D.P.C. and Affiliate
DBA H2M architects + engineers
Melville, New York

Opinion

We have audited the accompanying combined financial statements of H2M Architects, Engineers, Land Surveying and Landscape Architecture, D.P.C. and Affiliate, DBA H2M architects + engineers (the "Company"), which comprise the combined balance sheet at December 29, 2023, and the related combined statements of income, stockholders' equity and cash flows for the year then ended, and the related notes to the combined financial statements.

In our opinion, the combined financial statements referred to above present fairly, in all material respects, the financial position of the Company as of December 29, 2023, and the results of its operations and its cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of H2M Architects, Engineers, Land Surveying and Landscape Architecture, D.P.C. and Affiliate, DBA H2M architects + engineers and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the combined financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of combined financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the combined financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern within one year after the date that the combined financial statements are available to be issued.

50 JERICHO QUADRANGLE, STE. 200, JERICHO, NY 11753
P: 516.256.3500 • F: 516.256.3510 • GRASSIADVISORS.COM
NEW YORK | NEW JERSEY | MASSACHUSETTS | FLORIDA

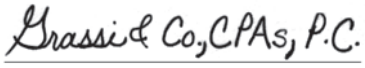
Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the combined financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the combined financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the combined financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the combined financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the combined financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.



GRASSI & CO., CPAs, P.C.

Jericho, New York
April 18, 2024

H2M architects + engineers
COMBINED BALANCE SHEET
DECEMBER 29, 2023

ASSETS

CURRENT ASSETS:	
Cash	$ 10,122,830
Accounts receivable, net	14,620,091
Contract assets	12,990,400
Current portion of notes receivable	541,316
Prepaid and refundable income taxes	46,344
Current portion of operating lease right-of-use assets	1,159,968
Prepaid expenses and other current assets	3,543,563
Total Current Assets	43,024,512
PROPERTY AND EQUIPMENT, NET	2,983,017
OPERATING LEASE RIGHT-OF-USE ASSETS, LESS CURRENT PORTION	21,532,460
OTHER ASSETS:	
Notes receivable, less current portion	1,361,402
Intangible assets, net	1,403,306
Other assets	412,413
Total Other Assets	3,177,121
TOTAL ASSETS	$ 70,717,110

The accompanying notes are an integral part of these combined financial statements.

H2M architects + engineers
COMBINED BALANCE SHEET
DECEMBER 29, 2023

LIABILITIES AND STOCKHOLDERS' EQUITY

CURRENT LIABILITIES:		
Current portion of notes payable	$	385,730
Current portion of operating lease liabilities		3,316,509
Accounts payable		1,231,942
Contract liabilities		4,295,162
Accrued payroll and payroll taxes		9,423,196
Deferred bonuses		6,779,236
Accrued expenses and other current liabilities		1,362,478
Income taxes payable		34,944
Total Current Liabilities		26,829,197
LONG-TERM LIABILITIES:		
Operating lease liabilities, less current portion		20,040,466
Deferred taxes payable		2,682,975
Total Long-Term Liabilities		22,723,441
Total Liabilities		49,552,638
CONTINGENCIES		
STOCKHOLDERS' EQUITY:		
Common stock		1,453,076
Additional paid-in capital		3,107,275
Retained earnings		19,144,163
		23,704,514
Less: Treasury stock		2,540,042
Total Stockholders' Equity		21,164,472
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	$	70,717,110

The accompanying notes are an integral part of these combined financial statements.

H2M architects + engineers
COMBINED STATEMENT OF INCOME
FOR THE YEAR ENDED DECEMBER 29, 2023

REVENUES	$ 105,351,495
LESS DIRECT COSTS:	
Consultants	7,566,748
Other expenses	2,178,320
Total Direct Costs	9,745,068
NET REVENUES	95,606,427
DIRECT LABOR	31,373,733
GROSS PROFIT	64,232,694
OPERATING EXPENSES	63,864,667
INCOME FROM OPERATIONS	368,027
OTHER INCOME (EXPENSE):	
Interest income	471,051
Interest expense	(32,831)
Other income	98,376
Total Other Income	536,596
INCOME BEFORE PROVISION FOR INCOME TAXES	904,623
PROVISION FOR INCOME TAXES	331,885
NET INCOME	$ 572,738

The accompanying notes are an integral part of these combined financial statements.

H2M architects + engineers
COMBINED STATEMENT OF STOCKHOLDERS' EQUITY
FOR THE YEAR ENDED DECEMBER 29, 2023

	Common Stock	Additional Paid-In Capital	Retained Earnings	Treasury Stock	Total Stockholders' Equity
BALANCE AT BEGINNING OF YEAR	$ 1,453,076	$ 2,914,183	$ 18,571,425	$ (2,764,327)	$ 20,174,357
NET INCOME	-	-	572,738	-	572,738
ISSUANCE OF TREASURY STOCK	-	193,092	-	2,752,583	2,945,675
PURCHASE OF TREASURY STOCK	-	-	-	(2,528,298)	(2,528,298)
BALANCE AT END OF YEAR	$ 1,453,076	$ 3,107,275	$ 19,144,163	$ (2,540,042)	$ 21,164,472

The accompanying notes are an integral part of these combined financial statements.

H2M architects + engineers
COMBINED STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED DECEMBER 29, 2023

CASH FLOWS FROM OPERATING ACTIVITIES:		
Net income	$	572,738
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization		1,479,632
Net change in operating lease right-of-use assets and liabilities		154,296
Gain on termination of operating lease		(43,381)
Loss on sale of property and equipment		17,270
Deferred income taxes		235,660
(Increase) decrease in assets:		
Accounts receivable		824,510
Contract assets		(1,877,856)
Prepaid and refundable income taxes		31,109
Prepaid expenses and other current assets		(2,813,889)
Other assets		70,267
Increase (decrease) in liabilities:		
Accounts payable		(1,521,199)
Contract liabilities		240,577
Accrued payroll and payroll taxes		1,737,416
Accrued bonuses		2,760,984
Accrued expenses and other current liabilities		(229,980)
Income taxes payable		(18,619)
Net Cash Provided By Operating Activities		1,619,535
CASH FLOWS FROM INVESTING ACTIVITIES:		
Purchases of property and equipment		(1,082,466)
Proceeds from sale of property and equipment		4,199
Purchase of intangible assets		(694,300)
Collections on notes receivable		1,011,829
Net Cash Used In Investing Activities		(760,738)
CASH FLOWS FROM FINANCING ACTIVITIES:		
Repayments of notes payable		(1,808,411)
Proceeds from issuance of treasury stock		1,547,335
Purchase of treasury stock		(1,454,240)
Net Cash Used In Financing Activities		(1,715,316)
NET DECREASE IN CASH		(856,519)
CASH, BEGINNING OF YEAR		10,979,349
CASH, END OF YEAR	$	10,122,830

The accompanying notes are an integral part of these combined financial statements.

H2M architects + engineers
COMBINED STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED DECEMBER 29, 2023

SUPPLEMENTAL DISCLOSURES OF CASH FLOW INFORMATION:		
Cash paid during the year for:		
Interest	$	32,831
Income taxes	$	83,735
SCHEDULE OF NONCASH INVESTING AND FINANCING ACTIVITIES:		
Issuance of treasury stock:		
Decrease in treasury stock	$	2,752,583
Increase in additional paid-in capital		193,092
		2,945,675
Less: Increase in notes receivable		1,398,340
Cash Proceeds from the Issuance of Treasury Stock	$	1,547,335
Purchase of treasury stock:		
Purchase of treasury stock	$	2,528,298
Less: Notes payable		1,074,058
Cash Payment for the Purchase of Treasury Stock	$	1,454,240
Right-of-use assets obtained in exchange for lease obligations	$	354,756
Right-of-use assets write off of terminated leases	$	(1,020,709)

The accompanying notes are an integral part of these combined financial statements.

Note 1 - Nature of Operations and Principles of Combination

Business Activity

H2M Architects, Engineers, Land Surveying and Landscape Architecture, D.P.C. and Affiliate, DBA H2M architects + engineers is a multi-disciplined consulting, architecture, and engineering firm that primarily services the New York metropolitan area. The Company's year ends on the last Friday of December and the period presented consists of 52 weeks for the year ended December 29, 2023.

Principles of Combination

The combined financial statements include the accounts of H2M Architects, Engineers, Land Surveying and Landscape Architecture, D.P.C., and its wholly-owned subsidiary, H2M Associates, Inc., and H2M Architects & Engineers, Inc., collectively referred to as the "Company." These companies are related through common ownership. All significant intercompany balances and transactions have been eliminated in the combined financial statements.

Note 2 - Summary of Significant Accounting Policies

Basis of Presentation

The combined financial statements are prepared in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP").

Use of Estimates

The preparation of combined financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the combined financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Accounts Receivable

The Company carries its accounts receivable at cost less an allowance for credit losses. The measurement and recognition of credit losses involves the use of judgment. Management's assessment of expected credit losses includes consideration of current and expected economic conditions, market and industry factors affecting the Company's customers (including their financial condition), the aging of account balances, historical credit loss experience, customer concentrations, customer credit-worthiness, the availability of mechanics' and other liens, and other sources of payment. Management evaluates its experience with historical losses and then applies this historical loss ratio to financial assets with similar characteristics. The Company's historical loss ratio or its determination of risk pools may be adjusted for changes in customer, economic, market or other circumstances. The Company may also establish an allowance when they are considered to be uncollectible, and reversals of previously reserved amounts are recognized if a specifically reserved item is settled for an amount exceeding the previous estimate. At December 29, 2023, the allowance for credit losses was $2,052,649.

Note 2 - Summary of Significant Accounting Policies (cont'd.)

Accounts Receivable (cont'd.)

The following table provides a roll-forward of the allowance for credit losses that is deducted from the amortized cost basis of the accounts receivables to present the net amount expected to be collected:

December 30, 2022	$ 2,118,820
Less: Write-offs	(66,171)
December 29, 2023	$ 2,052,649

Accounts receivable includes billed amounts for services provided to customers for which the Company has an unconditional right to payment. Billed and unbilled amounts for which payment is contingent on anything other than the passage of time are included in contract assets and contract liabilities on a contract-by-contract basis. When payment of the retainage is contingent upon the Company fulfilling its obligations under the contract, it does not meet the criteria to be included in contract receivables and remains in the contract's respective contract asset or contract liability, determined on a contract-by-contract basis. Retainage for which the Company has an unconditional right to payment that is only subject to the passage of time is included in accounts receivable.

Property and Equipment

Property and equipment is stated at cost. The costs of additions and betterments are capitalized and expenditures for repairs and maintenance are expensed in the period incurred. When items of property and equipment are sold or retired, the related costs and accumulated depreciation and amortization are removed from the accounts and any gain or loss is included in income.

Depreciation of property and equipment for financial statement purposes is computed on the straight-line method over the estimated useful lives of the assets as follows:

Machinery and equipment	5 years
Furniture and fixtures	7 years
Vehicles	5 years
Computer equipment	4 to 5 years

Leasehold improvements are amortized over the shorter of the remaining term of the lease or the useful life of the improvement utilizing the straight-line method.

The Company reviews the carrying value of the long-lived assets to determine if facts and circumstances exist which would suggest that the assets might be impaired. If impairment is indicated, an adjustment will be made to reduce the carrying amount of the long-lived assets to their fair value. Based on the Company's review, at December 29, 2023, no impairment of long-lived assets was evident.

Note 2 - Summary of Significant Accounting Policies (cont'd.)

Intangible Assets

Intangible assets are comprised of customer lists, which are amortized over 10 to 15 years. In accordance with Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Subtopic 350-30, *Intangibles - Goodwill and Other,* the Company reviews intangible assets with an indefinite life for impairment at least annually or more frequently if events or changes in circumstances indicate that the asset might be impaired. In accordance with FASB ASC Subtopic 360-10, *Impairment or Disposal of Long-Lived Assets,* the Company reviews intangible assets subject to amortization for impairment whenever events or changes in circumstances indicate that its carrying amount may not be recoverable. Recoverability of long-lived assets is measured by comparing the carrying amount of the asset or asset group to the undiscounted cash flows that the asset or asset group is expected to generate. If the undiscounted cash flows of such assets are less than the carrying amount, the impairment to be recognized is the amount by which the carrying amount, if any, exceeds its fair value. No impairment was deemed to exist at December 29, 2023.

Leases

The Company has entered into several noncancellable operating leases, primarily for office space and office equipment. In accordance with FASB ASC Topic 842, *Leases* ("ASC 842"), the Company, at the inception of the contract, evaluates if an arrangement is or contains a lease and thus recognizes a right-of-use ("ROU") asset and the corresponding lease liability. The Company recognizes right-of-use assets and lease liabilities for leases with terms of greater than 12 months.

The lease liability is initially and subsequently measured at the present value of future payments at the lease commencement date. Lease expenses are recognized on a straight-line basis over the term of the lease.

Long-term leases (leases with terms greater than 12 months) are recorded on the balance sheet at the present value of the minimum lease payments not yet paid. To determine the present value of lease payments, the Company must use the rate implicit in the lease if it is readily determinable; otherwise, the Company may use either (a) a borrowing rate based on similar debt or (b) the practical expedient option provided by ASC 842, which allows an entity to use a risk-free rate for each class of underlying asset for a period comparable to the lease term to discount the lease payments to present value. The Company considers the lease term to be the noncancellable period that it has the right to use the underlying asset, including all periods covered by an option to (1) extend the lease, if the Company is reasonably certain to exercise the option, (2) terminate the lease, if the Company is reasonably certain not to exercise that option, and (3) extend or not to terminate the lease, in which exercise of the option is controlled by the lessor. The Company has used a borrowing rate based on similar debt to determine the present value of its lease payments when the rate implicit in the lease is not readily determinable.

Lease payments included in the measurement of the lease liability comprise a fixed payment owed over the lease term. The Company considers both lease and non-lease components as a single lease component for the determination of the right of use.

Note 2 - Summary of Significant Accounting Policies (cont'd.)

Leases (cont'd.)

The ROU asset is initially measured at cost, which comprise the initial amount of the lease liability adjusted for lease payments made at or before the lease commencement date, plus any initial direct costs incurred less any incentives received. ROU assets for operating are periodically reduced by impairment losses.

The Company monitors for events or changes that can require a reassessment of its leases. When a reassessment results in the remeasurement of a lease liability, a corresponding adjustment is made to the carrying amount of the corresponding ROU asset unless doing so would reduce the carrying amount of the ROU asset to an amount less than zero.

Operating lease ROU assets are presented as operating lease right-of-use assets on the combined balance sheet. The current portion of the operating lease liabilities is included in current liabilities, and the long-term portion is presented separately in the long-term liabilities.

Short-term leases (leases with a duration of 12 months or less) are not capitalized but are expensed on a straight-line basis over the lease term. The majority of the Company's short-term leases relate to equipment. These leases are entered into at a periodic rental rate for an unspecified duration and typically have termination for convenience provisions.

Revenue and Cost Recognition

The Company recognizes its revenue in accordance with FASB ASC Topic 606, *Revenue from Contracts with Customers* ("ASC 606"). The guidance affects any entity that either enters into contracts with customers to transfer goods or services or enters into contracts for the transfer of nonfinancial assets unless those contracts are within the scope of other standards.

ASC 606 provides that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration the entity expects to receive in exchange for those goods or services. An entity should apply the following five-step process to recognize revenue: (1) Identify the contract with a customer; (2) Identify the performance obligations in the contract; (3) Determine the transaction price; (4) Allocate the transaction price to the performance obligations in the contract; and (5) Recognize revenue when (or as) the entity satisfies a performance obligation.

Contracts

Revenues on contracts are recognized over time, as performance obligations are satisfied, due to the continuous transfer of control to the customer.

For time and materials and lump-sum fixed-price contracts, the customer typically controls the work in process, as evidenced either by contractual termination clauses or by the Company's rights to payment for work performed to date plus a reasonable profit to deliver products or services that do not have an alternative use to the Company.

Note 2 - Summary of Significant Accounting Policies (cont'd.)

Revenue and Cost Recognition (cont'd.)

Contracts (cont'd.)

The Company's contracts are generally accounted for as a single performance obligation since the Company is providing a significant service of integrating components into a single project. The Company recognizes revenue with an "input method" using the percentage-of-completion method, whereby progress towards completion is recognized according to the percentage of incurred direct labor costs to date to estimated total direct labor costs. This method best depicts the transfer of control to the customer, which occurs as the Company incurs costs on its contracts. Incurred costs represent work performed, which corresponds with and thereby best depicts the transfer of control to the customer. This method is used because management considers the "cost to cost" method the most appropriate in the circumstances.

Because the Company almost always acts as a principal in the contracts, gross revenues are recognized. The Company is considered the principal because the Company controls the contractually specified services before they are transferred to the customer. In the course of providing its services, the Company routinely subcontracts for services and incurs other direct costs on behalf of its clients. Those costs are passed through to clients and, in accordance with U.S. GAAP, are included in the Company's revenues and direct costs.

Practical Expedients and Exemptions

The Company utilizes certain practical expedients and exemptions as follows:

- In cases where the Company has an unconditional right to consideration from a customer in an amount that corresponds directly with the value of the performance completed to date, the Company recognizes revenue in the amount to which there is a right to invoice for services performed.
- The contract price is not adjusted for the effects of a significant financing component if the Company expects, at contract inception, that the period between when the Company transfers a service to a customer and when the customer pays for that service will be one year or less.
- Incremental customer contract acquisition costs are expensed as they are incurred when the amortization period is less than one year in duration.

Contract Assets and Liabilities

Billing practices are governed by the contract terms of each project based upon costs incurred, achievement of milestones, or predetermined schedules. Billings do not necessarily correlate with revenue recognized over time using the percentage-of-completion method. Contract assets include unbilled amounts typically resulting from revenue under long-term contracts when the percentage-of-completion method of revenue recognition is utilized and revenue recognition exceeds the amount billed to the customer. Contract liabilities consist of customer deposits and billings in excess of revenue recognized.

Note 2 - Summary of Significant Accounting Policies (cont'd.)

Revenue and Cost Recognition (cont'd.)

Contract Assets and Liabilities (cont'd.)

The Company's contract assets and liabilities are reported in a net position on a contract-by-contract basis at the end of each reporting period. In accordance with normal industry practice, the Company includes in current assets and current liabilities amounts relating to contracts realizable and payable over a period in excess of one year if applicable.

The opening and closing balances of accounts receivable, net, contract assets and contract liabilities from contracts with customers are as follows:

	Accounts Receivable, Net	Contract Assets	Contract Liabilities
Balance, December 30, 2022	$ 15,444,601	$ 11,112,544	$ 4,054,585
Balance, December 29, 2023	$ 14,620,091	$ 12,990,400	$ 4,295,162

Combining Contracts

The Company evaluates whether two or more contracts with the same customer should be combined and accounted for as a single contract, and whether a single or combined contract should be accounted for as more than one performance obligation. This evaluation requires significant judgment and could change the amount of revenue and profit recorded in each period.

Performance Obligations

Generally, the Company's contracts contain one performance obligation. A performance obligation is a promise in a contract to transfer a distinct service to the customer and is the unit of account. The Company's performance of the contracts with customers typically provides a significant service of integrating a complex set of tasks and components into a single project or capability (even if that single project results in the delivery of multiple units), and as such, the entire contract is accounted for as one performance obligation. The transaction price is allocated to the performance obligation and recognized as revenue when, or as, the performance obligation is satisfied with the continuous transfer of control to the customer.

Less commonly, a contract may be considered to have multiple performance obligations even when they are part of a single contract. For contracts with multiple performance obligations, the Company allocates the transaction price to each performance obligation using the best estimate of the standalone selling price of each distinct service in the contract.

Note 2 - Summary of Significant Accounting Policies (cont'd.)

Revenue and Cost Recognition (cont'd.)

Performance Obligations (cont'd.)

In accordance with FASB ASC Subtopic 606-10-50-13, the Company is required to include disclosure on its remaining performance obligations as of the end of the current reporting period. Due to the nature of the Company's contracts, these reporting requirements are not applicable. The majority of the Company's remaining contracts meets certain exemptions as defined in FASB ASC Subtopics 606-10-50-14 through 606-10-50-14A, including (i) performance obligation is part of a contract that has an original expected duration of one year or less; (ii) the right to invoice practical expedient; and (iii) variable consideration related to unsatisfied performance obligations that is allocated entirely to a wholly unsatisfied promise to transfer a distinct service that forms part of a single performance obligation, and the terms of that variable consideration relate specifically to the Company's efforts to transfer the distinct service, or to a specific outcome from transferring the distinct service.

For the Company's contracts that pertain to these exemptions: (i) the remaining performance obligation is part of a contract that has an original expected duration of one year or less; (ii) the estimated remaining duration of these performance obligations ranges from the remainder of the current calendar year to three years; (iii) for the Company's remaining contracts there is a right to invoice; and (iv) variable consideration for these various contracts primarily includes multiplier or billable rate fees that fluctuate throughout the contract for unspecified remaining amounts.

Transaction Price

The transaction price is the amount of consideration the Company expects to receive in exchange for transferring services to the customer. The consideration promised in a contract with customers may include both fixed and variable amounts to the extent that a significant reversal of cumulative revenue recognized will not occur when the uncertainty associated with the variable consideration is subsequently resolved (i.e., probable and capable of being estimated).

Variable Consideration

The nature of the Company's contracts gives rise to several types of variable consideration, including claims, and/or penalties and liquidating damages. The Company includes in the contract estimates additional revenue for variable consideration when the Company believes it has an enforceable right to the modification, the amount can be estimated reliably, and it is probable that a significant reversal of cumulative revenue recognized will not occur when the uncertainty associated with the variable consideration is resolved. The Company uses the expected value (i.e., the sum of a probability-weighted amount) or the most likely amount method, whichever is expected to better predict the amount. These estimates are based on management's assessment of legal enforceability, Company performance, and all information (historical, current, and forecasted) that is reasonably available to the Company.

Note 2 - Summary of Significant Accounting Policies (cont'd.)

Revenue and Cost Recognition (cont'd.)

Contract Modifications

Contract modifications are routine in the performance of the Company's contracts. Contracts are often modified to account for changes in the contract specifications or requirements. In most instances, contract modifications are for services that are not distinct and, therefore, are accounted for as part of the existing contract.

The Company accounts for contract modifications as a separate contract when the modification results in the promise to deliver additional services that are distinct and the increase in price of the contract is for the same amount as the standalone selling price of the additional services included in the modification.

Cost Recognition

Contract costs include all direct material and labor costs and all other direct and indirect costs related to contract performance. General and administrative expenses are charged to expense as incurred. Provisions for estimated losses on uncompleted contracts are made in the period in which such losses are determined.

Costs incurred that do not contribute to satisfying performance obligations are excluded from the cost input calculation for revenue recognition as these amounts are not reflective of transferring control to the customer. Costs are generally recognized as incurred.

Changes in Contract Performance

Changes in job performance, job conditions and estimated profitability, including those arising from settlements, may result in revisions to costs and income and are recognized in the period in which the revisions are determined. The Company recognizes adjustments in estimated profit on contracts under the cumulative catch-up method. Under this method, the impact of the adjustment on profit recorded to date is recognized in the period the adjustment is identified. Revenue and profit in future periods of contract performance are recognized using the adjusted estimate. Because of the inherent uncertainty in estimating the costs to complete on contracts in process, it is at least reasonably possible that the estimates used will change in the near term.

Economic Factors

- Type of customers - The Company's customers include governmental agencies as well as private entities.
- Geographical location of customers - Customers are located primarily in the New York metropolitan area.
- Type of contracts - Contracts are generally performed under time and materials or lump-sum fixed-price contracts.

Note 2 - Summary of Significant Accounting Policies (cont'd.)

Income Taxes

The Company accounts for income taxes in accordance with the FASB ASC Topic 740, *Income Taxes*, which requires the recognition of deferred income taxes for differences between the basis of assets and liabilities for financial statement and income tax purposes. The differences relate principally to timing differences that result from reporting items of income and expense on the cash basis for income tax purposes and on the accrual basis for financial statement purposes and use of different depreciation methods and lives for financial statement and income tax purposes. Deferred taxes are also recognized for tax credits that are available to offset future taxable income.

The Company has New York City net operating loss carryforwards totaling $139,921, available to offset future taxable income, which expire through 2040.

The Company accounts for the effect of any uncertain tax positions based on a "more-likely-than-not" threshold to the recognition of the tax positions being sustained based on the technical merits of the position under scrutiny by the applicable taxing authority. If a tax position or positions are deemed to result in uncertainties of those positions, the unrecognized tax benefit is estimated based on a "cumulative probability assessment" that aggregates the estimated tax liability for all uncertain tax positions. Interest and penalties assessed, if any, are accrued as income tax expense.

Advertising

The Company follows the policy of charging the costs of advertising to expense as incurred. Advertising expense for the year ended December 29, 2023 amounted to $288,350.

Entities under Common Control

The Company applies the accounting alternative provided in FASB Accounting Standards Update ("ASU") No. 2018-17, *Consolidation (Topic 810): Targeted Improvements to Related Party Guidance for Variable Interest Entities,* which allows a private company to not apply variable interest entity ("VIE") guidance to any legal entities under common control (including common control leasing arrangements) if both the parent and legal entity being evaluated for consolidation are not public business entities. The guidance will be applied to all current and future legal entities under common control that meet the criteria for applying this alternative.

Adoption of ASU No. 2016-13

As of January 1, 2023, the Company adopted FASB ASU No. 2016-13, *Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments*, and all subsequently issued related amendments, which changed the methodology used to recognize impairment of the Company's contract receivables. Under this ASU, financial assets are presented at the net amount expected to be collected, requiring immediate recognition of estimated credit losses expected to occur over the asset's remaining life. This is in contrast to previous U.S. GAAP, under which credit losses were not recognized until it was probable that a loss had been incurred. The Company performed its expected credit loss calculation based on historical accounts receivable write-offs, including consideration of then-existing economic conditions and expected future conditions. The adoption of this ASU did not have a significant impact on the combined financial statements.

Note 3 - Concentration of Credit Risk

The Company maintains cash balances in various financial institutions. Such balances are insured by the Federal Deposit Insurance Corporation ("FDIC") for up to $250,000 per institution. From time to time, the Company's balances may exceed these limits.

Note 4 - Accounts Receivable

Accounts receivable, net at December 29, 2023 is comprised of the following:

Accounts receivable	$	16,151,881
Retainage receivable		520,859
		16,672,740
Less: Allowance for credit losses		2,052,649
	$	14,620,091

Under certain contracts, fees billed to customers include retainage, which is due upon completion of the contracts and acceptance by the customer. At December 29, 2023, the Company does not anticipate collection of the retainage receivable balance within one year.

Note 5 - Property and Equipment

Property and equipment, net at December 29, 2023 is as follows:

Machinery and equipment	$	1,115,809
Furniture and fixtures		3,228,686
Vehicles		482,231
Computer equipment		5,624,096
Leasehold improvements		236,131
		10,686,953
Less: Accumulated depreciation and amortization		7,703,936
	$	2,983,017

Depreciation and amortization expense relating to property and equipment amounted to $1,289,966 for the year ended December 29, 2023.

Note 6 - Leases

The Company entered into operating leases for its facilities in the New York metropolitan area as well as various office equipment. The operating lease terms range from 1 to 11 years. The Company excluded the renewal option on its applicable facility leases from the calculation of its right-of-use assets and lease liabilities. Lease expense related to operating leases included in the measurement of operating lease liabilities amounted to $4,137,313 for the year ended December 29, 2023. Short-term lease costs related to equipment leases amounted to $111,580 for the year ended December 29, 2023.

Note 6 - Leases (cont'd.)

During the year ended December 31, 2023, the Company subleased office space to an unrelated party for total rental income of $91,800.

Cash paid for amounts included in the measurement of operating lease liabilities for the year ended December 29, 2023 amounted to $3,982,381.

As of December 29, 2023, the Company made prepayments of rent on various facilities and equipment in the amount of $1,159,968. These prepayments of rent are included in the current portion of operating lease right-of-use assets on the combined balance sheet.

The weighted average remaining lease term as of December 29, 2023 for operating leases was 6.59 years. The weighted average discount rate for operating leases as of December 29, 2023 was 3.76%.

Total remaining lease payments under the Company's leases are as follows:

Years Ending December:	
27, 2024	$ 4,137,705
26, 2025	4,259,120
25, 2026	4,034,472
31, 2027	3,622,909
29, 2028	2,949,494
Thereafter	7,531,552
Total undiscounted cash flows	26,535,252
Less: Imputed interest	3,178,277
Lease payment liabilities	$ 23,356,975

Note 7 - Notes Receivable

Notes receivable at December 29, 2023 consist of the following:

Notes receivable from current stockholders, collectible in bi-weekly installments including interest of prime rate plus 0.5% per annum (9.0% at December 29, 2023), through various periods from March 2024 to June 2029. The notes receivable are secured by the Company's stock.	$ 1,902,718
Less: Current portion	541,316
Long-term portion	$ 1,361,402

Note 7 - Notes Receivable (cont'd.)

Future maturities of notes receivable are as follows:

Years Ending December:		
27, 2024	$	541,316
26, 2025		484,432
25, 2026		471,244
31, 2027		295,723
29, 2028		95,496
Thereafter		14,507
	$	1,902,718

Note 8 - Intangible Assets

Intangible assets, net at December 29, 2023 consists of the following:

Customer lists	$	2,584,627
Less: Accumulated amortization		1,181,321
	$	1,403,306

Amortization expense related to intangible assets amounted to $189,666 for the year ended December 29, 2023.

Future intangible assets amortization is as follows:

Years Ending December:		
27, 2024	$	195,452
26, 2025		169,985
25, 2026		169,985
31, 2027		169,985
29, 2028		164,147
Thereafter		533,752
	$	1,403,306

Note 9 - Line of Credit

The Company may borrow up to $4,000,000 under a revolving line of credit agreement with a bank, which matures on June 30, 2024. Interest on the line of credit is payable at the sum of the greater of the Bloomberg Short-Term Bank Yield Index rate ("BSBY") or 0.25%, as defined, plus 1.75% (totaling 7.19% at December 29, 2023). The line of credit is secured by the assets of the Company. As of December 29, 2023, the Company had no outstanding balance on this line of credit. Additionally, the agreement provides for a sublimit for standby letters of credit for up to $2,000,000. The Company has no letters of credit outstanding at December 29, 2023. The Company is required to meet certain financial covenants.

Note 10 - Notes Payable

Notes payable at December 29, 2023 consist of the following:

Noninterest-bearing equipment note, payable in annual installments of $385,730, with the final payment due in August 2024.	$	385,730
Less: Current portion		385,730
Long-term portion	$	-

Note 11 - Contingencies

Litigation

The Company is a defendant and plaintiff in various lawsuits. Based upon the advice of outside counsel, the Company believes the ultimate outcomes of these lawsuits should not have a material adverse impact on the Company's combined financial position.

Examination by Government Agencies

The Company has contracts which are subject to audit by applicable government agencies. Such audits may result in disallowances of expenses and a request for a return of funds. Based on prior years' experience, the Company's management believes disallowances, if any, will be immaterial.

Paycheck Protection Program

The Small Business Association ("SBA") may undertake a review of a Paycheck Protection Program ("PPP") loan of any size greater than $150,000 during the six-year period following forgiveness or repayment of the loan. If selected, the review would include the loan forgiveness application, as well as whether the Company met the eligibility requirements of the PPP and received the proper loan amount. In April 2020, the Company received a PPP loan in the amount of $8,736,020 and received full forgiveness of the PPP loan in March 2022. The Company is subject to an SBA review until March 2028. Whether the Company will be selected for an SBA review as well as the timing and outcome is not yet known.

Note 12 - Provision for Income Taxes

The provision for income taxes is summarized as follows for the year ended December 29, 2023:

Current:		
Federal	$	27,355
State and local		68,870
		96,225
Deferred:		
Federal		147,818
State and local		87,842
		235,660
	$	331,885

The net deferred tax liabilities at December 29, 2023 include the following components:

Deferred tax assets:		
Net operating loss carryforward	$	9,095
Other		91,488
Total deferred tax assets		100,583
Less: Deferred tax liabilities:		
Cash basis adjustments		2,783,558
Net deferred tax liabilities	$	(2,682,975)

The Company files income tax returns in the U.S. in both federal and several state and local jurisdictions. With few exceptions, the Company is no longer subject to U.S. federal, state or local tax examinations by taxing authorities for years before 2020. The years 2020 to 2022 remain subject to examination by taxing authorities.

The provision for income taxes differs from the provision that would result from applying statutory rates to income before provision for income taxes because no tax benefit had been provided for nondeductible expenses.

Note 13 - Stockholders' Equity

H2M Architects, Engineers, Land Surveying and Landscape Architecture, D.P.C. is authorized to issue five thousand (5,000) shares of no par value Class A preferred stock, two hundred (200) shares of no par value Class B preferred nonvoting stock and two hundred thousand (200,000) shares of no par value common stock, out of which no Class A or Class B preferred shares are issued and outstanding.

Note 13 - Stockholders' Equity (cont'd.)

Common stock of the Company at December 29, 2023 is summarized as follows:

H2M Architects, Engineers, Land Surveying and Landscape Architecture, D.P.C.:		
Common stock - no par value; 200,000 shares authorized; 197,760 shares issued and 133,550 outstanding	$	1,452,956
H2M Architects & Engineers, Inc.:		
Common stock - no par value; 200 shares authorized; 60 shares issued and 50 outstanding		120
	$	1,453,076

Treasury stock of the Company at December 29, 2023 is summarized as follows:

H2M Architects, Engineers, Land Surveying and Landscape Architecture, D.P.C.:		
Treasury stock - at cost, 64,210 common shares	$	2,540,022
H2M Architects & Engineers, Inc.:		
Treasury stock - at cost, 10 common shares		20
	$	2,540,042

During 2023, the Company purchased 8,500 shares of treasury stock in the amount of $281 per share and issued 10,475 shares of treasury stock in the amount of $281 per share.

Note 14 - Employee Benefit Plan

The Company maintains a defined contribution profit sharing plan under Section 401(k) of the Internal Revenue Code for its eligible employees. Under this plan, employees who are age 21 or older and have completed three months of service are eligible to defer a portion of their compensation. Participants in the plan may elect to contribute amounts up to the legal maximum established each year by the Internal Revenue Service on a pre-tax basis (up to $22,500 for the 2023 calendar year, or $30,000 for employees over the age of 50 at the end of the year). In 2023, the Company made a mandatory safe harbor contribution of 3% of eligible compensation and a discretionary profit sharing contribution of 1.4% of eligible compensation to all persons employed by the Company. In 2023, the Company also made an employer matching contribution of 1.6% to all employees who contributed 6% or more of their eligible compensation and were employed at the end of the year. Additional discretionary employer contributions can be made up to Internal Revenue Service limitations. The Company's contributions amounted to $3,896,123 for the year ended December 29, 2023.

Note 15 - Subsequent Events

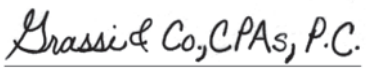
The Company has evaluated all events or transactions that occurred after December 29, 2023 through April 18, 2024, which is the date that the combined financial statements were available to be issued. During this period, there were no material subsequent events requiring disclosure.

SUPPLEMENTARY INFORMATION

INDEPENDENT AUDITORS' REPORT ON SUPPLEMENTARY INFORMATION

To The Board of Directors and Stockholders
H2M Architects, Engineers, Land Surveying and Landscape
Architecture, D.P.C. and Affiliate
DBA H2M architects + engineers
Melville, New York

We have audited the combined financial statements of H2M Architects, Engineers, Land Surveying and Landscape Architecture, D.P.C. and Affiliate, DBA H2M architects + engineers at December 29, 2023 and for the year ended, and our report thereon dated April 18, 2024, which expressed an unmodified opinion on those combined financial statements, appears on pages one and two. Our audit was conducted for the purpose of forming an opinion on the combined financial statements as a whole. The accompanying combined schedule of operating expenses is presented for purposes of additional analysis and is not a required part of the combined financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the combined financial statements. The information has been subjected to the auditing procedures applied in the audit of the combined financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the combined financial statements or to the combined financial statements themselves, and other additional procedures in accordance with the auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the combined financial statements as a whole.



GRASSI & CO., CPAs, P.C.

Jericho, New York
April 18, 2024

H2M architects + engineers
SUPPLEMENTARY INFORMATION
COMBINED SCHEDULE OF OPERATING EXPENSES
FOR THE YEAR ENDED DECEMBER 29, 2023

Salaries and wages	$	36,680,514
Payroll taxes and fringe benefits		13,444,738
Occupancy, net of sublease income		4,751,856
Professional services		471,870
Computer services		2,470,522
Communications		461,979
Insurance		814,141
Office supplies		302,792
Equipment rental and maintenance		197,491
Client development and proposals		63,279
Professional activities		795,961
Business development		719,641
Advertising		288,350
Recruiting		479,406
Miscellaneous		442,495
Depreciation and amortization		1,479,632
TOTAL OPERATING EXPENSES	$	63,864,667

See independent auditors' report on supplementary information.

TAB 5

Client Information

H2M has extensive experience having completed hundreds of architectural, engineering, and environmental projects for numerous public agency, municipal, federal, education, and private clients across the metropolitan region. Listed below are our current Housing Authority clients and a description of projects we are working on for them. We welcome the BHA to call upon them to hear firsthand about our performance, commitment, attention to detail and the services we provide from design inception through construction phase and project closeout of each assignment.

► New York City Housing Authority

Client Point Of Contact: Chris Sabbagh, CM Oversight (Field) Manager, Asset & Capital Management Capital Programs, Program Management Team 1
Address: 24-02 49th Ave, Long Island City, NY 11101
P: (718) 730-8336

Scope of Work: Design of heating plant upgrades, elevator rehabilitations, roof replacements, roof water tank replacements, petroleum remediation, resiliency improvements.

Dates: 2015-Present

► Bergen County Housing Authority

Client Point Of Contact: Vincent Buffis, Director of Operations
Address: One Bergen County Plaza, 2nd Floor, Hackensack NJ 07601
P: (201) 336-7607

Scope of Work: Design of ADA accessibility. Environmental testing and remediation services.

Dates: 2010-Present

► Town of Hempstead Housing Authority

Client Point Of Contact: Barbara Easa-Burbar
Address: 760 Jerusalem Avenue, Uniondale, NY 11553
P: (516) 485-9666 ext 115

Scope of Work: Various Improvements at Various Developments: Architectural, Mechanical, Electrical, Plumbing, Civil.

Dates: June 2024-Present

► Newark Housing Authority

Client Point Of Contact: Gregory Good, Senior Development Office
Address: 500 Broad Street, Newark, NJ 07102
P: (973) 273-6585

Scope of Work: Environmental monitoring.

Dates: 2022-Present

TAB 6

Asbestos Survey

Housing Authority of Bergen County

Bergen County, NJ

Construction Cost: N/A

SERVICES PROVIDED

- Asbestos Inspection
- Asbestos Sampling
- Sample Management
- Laboratory Coordination
- Field Measurements

H2M conducted an asbestos survey in conjunction with accessibility upgrades planned for residential dwelling units at the Mahwah Public Housing and Ramsey Public Housing as per the Housing Authority of Bergen County (HABC)

H2M performed initial inspections of the dwelling units for the presence of asbestos containing materials (ACM) which might be disturbed during renovations for handicap accessibility. Materials were identified and sampled for asbestos analyses were conducted using polarized light microscopy (PLM) and by transmission electron microscopy (TEM) for non-friable, organically bound materials. As part of our facility inspection, the locations, condition, and amount of potential ACM were recorded.

Upon receipt of the asbestos analyses, H2M prepared a limited asbestos survey report to support the planned renovations.

Brownfield Remediation

Housing Authority of Bergen County

Dumont, NJ

Construction Cost: N/A

SERVICES PROVIDED

- LSRP Services
- Preliminary Assessment
- Remedial Investigation
- Preparation of Bid Specs
- Construction Oversight

H2M was retained in 2012 by the Housing Authority of Bergen County to conduct a Preliminary Assessment of the David F. Roche Apartments in Dumont, NJ. It was suspected that the property was impacted by fill material based on a historic fill investigation of the adjacent property. H2M was subsequently retained to conduct a remedial investigation at the site and the presence of fill material was confirmed.

Through the completion of the Preliminary Assessment and Site Investigation, the results confirmed that contamination (polynuclear aromatic hydrocarbons [PAHs], pesticides and metals) was present in the soils and groundwater at the property.

After evaluating the potential risk to residents at the site, a remedial action was selected. It focused on NJDEP presumptive remedy of the removal of surface soil and the institution of a deed notice and classification exception area. H2M determined that remediation of subsurface soil and the groundwater was not necessary to protect the public from these contaminated media since most of the property was developed around a large apartment building where large areas were paved and no groundwater use was present at the site or in the surrounding area.

The implementation of the presumptive remedy for exposed surface soil (landscaped areas) included the removal of up to two feet of contaminated soil at the surface; the placement of a demarcation barrier; and the restoration and/or raising grade of site using certified clean backfill and topsoil. Soils impacted with historic fill were excavated and removed to the extent possible to create a clean buffer to prevent human contact with the PAHs, pesticides and metal contaminants present in the surface soil.

Following approval from the client and the Licensed Site Remediation Professional (LSRP) of the proposed remedial alternative, H2M developed a Remedial Action Work Plan. Additional tasks include the preparation of a Deed Notice, Remedial Action Permit, Remedial Action Report and Classification Exception Area (CEA).

H2M was responsible for the preparation of formal design plans and a construction specification for public bid. The design package included: design drawings; construction specifications; and the Housing Authority's required solicitation documents. H2M assisted with the issuance of the bid documents and reviewed all bid submittals.

Once the project was awarded to a remediation contractor, H2M provided construction administration and construction observation services throughout the project. H2M applied for and obtained permits from the Bergen County Soil Conservation District for the project work. H2M provided construction administration services (review of shop drawings and invoices) and observation services throughout the one-month long project.

ADA Upgrades

Housing Authority of Bergen County

Ramsey, NJ

Construction Cost: $285,000

SERVICES PROVIDED

- Accessibility Design
- ADA Compliance
- Preliminary Design
- Parking Lot Design
- Construction Documents
- Construction Administration

H2M was asked to design one unit within the DeSimone Court Townhouse development to be ADA accessible for compliance with federal accessibility standards. Additionally, H2M had to expand the parking lot and provide accessible spots.

The Housing Authority of Bergen County didn't have any housing units that complied with federal accessibility standards at their Ramsey, New Jersey development. All of the homes within the DeSimone Court Townhouses development were two-story noncompliant units. To comply with aaccessibility requirements, H2M needed an accessible entry, bathroom, kitchen, and bedroom on the first floor of one unit. The second portion of the project included expanding the parking lot so there were enough spaces for the residents, as well as including accessible spots.

Ultimately the unit selected had its first floor closest to grade, therefore it would need the shortest ramp. H2M used the existing slope of grade outside the home to make the ramp as short as possible, however the existing site constraints proved to be a challenge. The location and design of the compliant ramp was limited by the site slope as well as neighboring structures, sidewalks, and parking lots. Since ramps need to be a certain width and length depending on the grade change, we had to work to fit the ramp we needed in the space we were given. Inside constraints included the locations of existing spaces and elements that could not be moved, such as stairs, plumbing chases, and mechanical equipment.

We were very conscious of costs throughout this project and made as many adjustments as possible to keep costs low. The ramp was constructed from concrete for durability and for reduced maintenance costs; the interior bathroom was also placed along the same wall as the existing plumbing chases to minimize the need for additional piping runs and construction costs; and we tried to keep as many existing elements as possible (such as existing railings and light fixtures in the parking lot) to prevent extensive additional costs.

During the design of the new parking lot, we noticed that we would have to remove the existing stairs and sidewalks to install a new retaining wall. This would be costly and cut off access to two units during construction. In order to solve this, we removed two parking spots in the area of concern so that we could gradually slope the grade to meet the existing stairs and sidewalks. Even though the parking lot design would now lose two spots, we could keep the access to the units intact, save money on costs, and keep fire hydrants in place. The new space also gives us the option to create an area for a bike rack and an area for the Authority to place snow when clearing the parking lot in the winter months.

Remedial Investigation & Remediation

Housing Authority of Bergen County

Dumont, NJ

Construction Cost: N/A

SERVICES PROVIDED

- Preliminary Assessment
- Remedial Investigation
- Site Investigation
- Construction Administration
- Construction Observation

H2M conducted a preliminary assessment and subsequent remedial investigation at the David F. Roche Apartments in Dumont, NJ, to address concerns of contamination impacting the health of residents.

The Housing Authority of Bergen County suspected that the property was impacted by contaminated fill material based on a historic fill investigation of the adjacent property. H2M's preliminary assessment and site investigation confirmed that contamination (polynuclear aromatic hydrocarbons [PAHs], pesticides and metals) was present in the surficial and subsurface soils and groundwater at the apartment complex.

H2M was subsequently retained to conduct a remedial investigation at the site and evaluate the potential risk to residents to determine the best course of action. Remediation focused on NJDEP presumptive remedy of the removal of surface soil and the institution of a deed notice and classification exception area.

H2M determined that remediation of subsurface soil and the groundwater was not necessary to protect the public since most of the property around the apartment building was developed. Large areas were paved, and no groundwater use was present at the site or in the surrounding area. Instead, remediation efforts were to focus on the surface soil.

The presumptive remedy for exposed surface soil (landscaped areas) included: the removal of up to two feet of contaminated soil at the surface; the placement of a demarcation barrier; and the restoration and/or raising grade of site using certified clean backfill and topsoil. Soils impacted with historic fill were excavated and removed to the extent possible to create a clean buffer to prevent human contact with the PAHs, pesticides and metal contaminants present in the surface soil.

Following approval from the client and the Licensed Site Remediation Professional (LSRP) of the proposed remedial alternative, H2M developed a Remedial Action Work Plan. Additional tasks included the preparation of a Deed Notice, Remedial Action Permit, and Remedial Action Report.

H2M was responsible for the preparation of formal design plans and construction specifications for public bid. The design package included design drawings, construction specifications, and the Housing Authority's required solicitation documents. H2M assisted with the issuance of the bid documents and reviewed all bid submittals.

Once the project was awarded to a remediation contractor, H2M provided construction administration and construction observation services throughout the one-month long project. H2M performed review of shop drawings and invoices as well as applied for and obtained permits from the Bergen County Soil Conservation District for the project work.

Environmental Monitoring

Newark Housing Authority

Newark, NJ

Construction Cost: $45,600

SERVICES PROVIDED

- Preliminary Site Assessment
- Site Investigation
- Phase I Environmental Site Assessment
- Soil and Groundwater Investigation
- Geophysical Investigation
- NJEDA HDSRF PA/SI/RI Grant
- UST Investigation
- LSRP Services
- Historic Fill

H2M was retained by the Newark Housing Authority to conduct a preliminary assessment and site investigation report for 171-183 Clinton Avenue in Newark, NJ.

The Newark Housing Authority acquired the property at 171-183 Clinton Avenue in Newark, NJ, with the intention of redevelopment as it had been vacant for decades. Prior to redevelopment, the Newark Housing Authority wanted to conduct environmental due diligence on the property. H2M completed a Phase I Environmental Site Assessment (ESA) on the property, along with a geophysical survey of the site. The findings of the Phase I ESA identified several recognized environmental conditions (REC), including a potential underground storage tank (UST). The firm also found historic use of the site as an auto repair shop, potential historic fill, and historic operations on surrounding properties.

After completion of the Phase I ESA, the Newark Housing Authority asked H2M for assistance in applying for New Jersey Economic Development Agency (NJEDA) grants and conducting follow-up investigation on the RECs. As part of the second phase and the grant application process, the Phase I ESA was converted into a preliminary assessment and site investigation.

The site investigation consisted of collecting seven soil borings, four of them were converted to temporary wells to collect groundwater samples. Sample results and evaluations of the soil borings identified the presence of historic fill throughout the site. Prior to conducting soil borings, a second geophysical survey was conducted. The geophysical survey did not identify a potential UST and identified metallic anomalies in the same area. Based on the geophysical information, H2M conducted test pits in the area and found buried debris and did not identify a UST.

The firm is currently preparing the grant application and LSRP-related tasks for the Newark Housing Authority. H2M is also working with the agency to further evaluate the development of the property by providing cost estimates.

Replacement of Central Boiler Plant

New York City Housing Authority
Brooklyn, NY

Construction Cost: $18 million

SERVICES PROVIDED

- Mechanical Engineering
- Electrical Engineering
- Plumbing Engineering
- Civil Engineering
- Structural Engineering
- Architecture
- Planning

H2M provided engineering design services for the replacement and relocation of the central boiler plant at the NYCHA Bayview Houses in Brooklyn, NY.

As part of the New York City Housing Authority (NYCHA)'s Phase II A boiler replacements, H2M was retained to replace the existing boiler plant serving the 23 eight-story buildings located on the 34-acre Bayview campus in Brooklyn, NY.

The campus boiler plant is comprised of seven dual-fuel 300hp steam boilers fed by a natural gas service and two 20,000 gallon underground fuel oil storage tanks. The existing boilers are located in the central boiler plant building, however they are located below the design flood elevation.

The purpose of this project is to provide new natural gas-fired steam boilers in a new structure, located above the design flood elevation, to improve resiliency in the event of a major storm.

Due to the minimal space available to build a new adjacent heating plant building, H2M designed a second story addition to the existing plant building to allow for the new equipment to be elevated. The design work includes all associated structural, architectural, mechanical, electrical, plumbing, geotechnical, and environmental engineering work. A new centralized fire alarm system will be provided for the entire plant building as part of this project.

The existing electrical service will also be replaced and elevated above the design flood elevation. The existing fuel oil tanks will be removed at the conclusion of construction.

Topographic and Boundary Surveys

New York City Housing Authority
New York, NY

Construction Cost: N/A

SERVICES PROVIDED

Topographic Survey Boundry Survey

H2M provided topographic and boundary services for the New York City Housing Authority.

The New York City Housing Authority (NYCHA) retained H2M's engineering services to prepare plans and specifications for the replacement of the existing central boiler plants at the Wilson Houses and Lehman Village Developments. As part of the project, H2M prepared boundary and topographic surveys for both sites, totaling 5.5 acres. The surveys were used to identify site disturbances and restoration associated with the required construction staging area, office trailers, temporary boilers, and temporary utilities.

Boiler Replacement

New York City Housing Authority
Bronx, NY

Construction Cost: $25.3 million

SERVICES PROVIDED

- Mechanical Engineering
- Electrical Engineering
- Plumbing Engineering
- Engineering Administration
- Construction Administration
- Code Compliance

H2M was retained by the New York City Housing Authority to replace aging boilers in the Bronx River Houses as part of their Comprehensive Modernization Program.

Located on 13.94-acres and bordered by East 174th Street, Harrod, and Bronx River Avenues, the Bronx River Houses development consists of nine, 14-story buildings with 3,025 residents inhabiting 1,247 apartments. The central boiler plant's five, 300 HP low pressure steam fire tube boilers, and all associated ancillary steam equipment (condensate return unit, boiler feed unit, blow down separator, chemical feed unit, etc.), is being replaced.

The design includes abandonment and removal of the three existing 25,000 gallon, above grade fuel oil tanks in accordance with New York City Fire Code. Temporary rental boilers were also included in the design to ensure heating and domestic hot water service was maintained in the development for the duration of construction. The development's 12 existing indirect domestic water heating systems and their associated steam heat exchangers were replaced with gas-fired domestic water heaters with storage tanks. The intent was to decouple the domestic water heating systems from the central boiler plant. The design of the new domestic water heating systems included new hot water recirculation pumps, circulator pumps, and domestic hot water tempering valve stations.

The installation of new natural gas services was coordinated with the local gas utility to serve the new domestic water heaters. Replacement of sump pumps and condensate return units located in each of the 12 remote mechanical equipment rooms was also included in the design. The electrical design included new power and control wiring for all new equipment, replacement of main distribution panels, and installation of new high efficiency LED lighting.

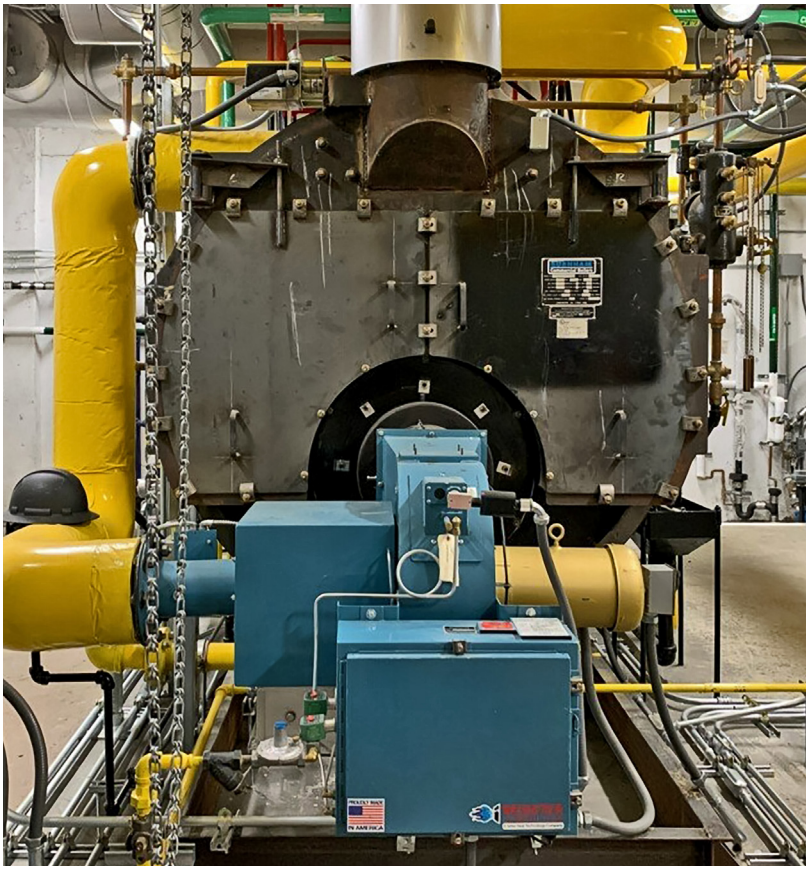
Replacement of Central Boiler Plant

New York City Housing Authority
New York, NY

Construction Cost: $9.8 million

SERVICES PROVIDED

Mechanical Engineering
Electrical Engineering
Architecture



H2M provided engineering investigative and design services for the replacement of the central boiler plant and decoupling of three domestic water heating plants at the Fiorentino Plaza Housing Development.

The Fiorentino Plaza Development consists of eight four-story buildings. The central boiler plant's two 200 HP low pressure steam fire tube boilers and all associated ancillary steam equipment (condensate return unit, boiler feed unit, blow down separator, chemical feed unit, etc.) was replaced. The design included abandonment of the existing 12,000 gallon buried fuel oil tank in accordance with NYC Fire Code. A temporary rental boiler was also included in the design to ensure heating and domestic hot water service is maintained to the development for the duration of construction.

The development's three existing indirect domestic water heating systems and their associated steam heat exchangers were replaced with high efficiency, gas-fired condensing domestic water heaters with storage tanks. The intent was to decouple the domestic water heating systems from the central boiler plant. The design of the new domestic water heating systems included new hot water recirculation pumps, storage tank circulator pumps, and domestic hot water tempering valve stations. The installation of new natural gas services was coordinated with the local gas utility to serve the new domestic water heaters. Replacement of sump pumps and condensate return units located in each of the seven remote Mechanical Equipment Rooms was also included in the design.

The electrical design included new power and control wiring for all new equipment, replacement of main distribution panels, and the installation of new high efficiency LED lighting.

Petroleum Spill Sites Engineering Analysis

New York City Housing Authority

Queens, NY

Construction Cost: $200,000

SERVICES PROVIDED

- Remedial Investigation and Design
- Water and Wastewater Treatment
- Due Diligence
- Property Transaction Support
- Phase I/II Site Assessments
- Toxic and Hazardous Management
- Storage Tank Management
- Facility Auditing
- Regulatory Compliance
- Site Characterization and Investigation
- Remedial Design and Construction

The New York City Housing Authority (NYCHA) has numerous open New York State Department of Environmental Conservation (NYSDEC) petroleum spills at their properties which H2M was tasked with assessing to determine the necessary activities to facilitate spill closure in a timely and cost-effective manner.

H2M was responsible for analyzing the performance of groundwater drawdown and mop/skimmer remediation systems at 20+ housing complexes. H2M reviewed various technical and summary reports to determine the historical nature of each spill site and develop a conceptual site model (CSM). The CSM was utilized to determine the factors influencing spill cleanup effectiveness, specifically geologic/hydrogeologic conditions, contaminant sources, contamination fate and transport mechanisms, and remedial designs and effectiveness. To further assess remedial strategies, H2M analyzed current and historical groundwater and product thickness from the monitoring well and recovery well networks and by correlating free product thickness trends to remedial system data. Recommendations and findings were provided in quarterly progress reports reviewed and approved by the NYSDEC.

H2M was aware that NYCHA's fiscal budget to address the spills was limited; therefore, recommendations such as the installation of new product recovery systems, recovery wells, monitoring wells, and recovery well pump manipulation were provided in a manner to ensure maximization of product recovery potential and decreased the projected time to spill remediation and closure.

When recommendations were implemented, product recovery at the spill sites was shown to increase. H2M's recommendations were successful in facilitating the closure of approximately 10 of the open spills thus far; also providing the client with an overall reduction in expenses to address historical and long term spills.

Elevator Rehabilitation

New York City Housing Authority
Queens, NY

Construction Cost: $31.4 million

SERVICES PROVIDED

- Architectural Design
- Structural Engineering
- Mechanical Engineering
- Electrical Engineering

H2M produced and submitted the final pre-design phase reports for 47 elevators at Queensbridge North and 49 elevators at Queensbridge South. H2M is working in close coordination with the NYCDOB.

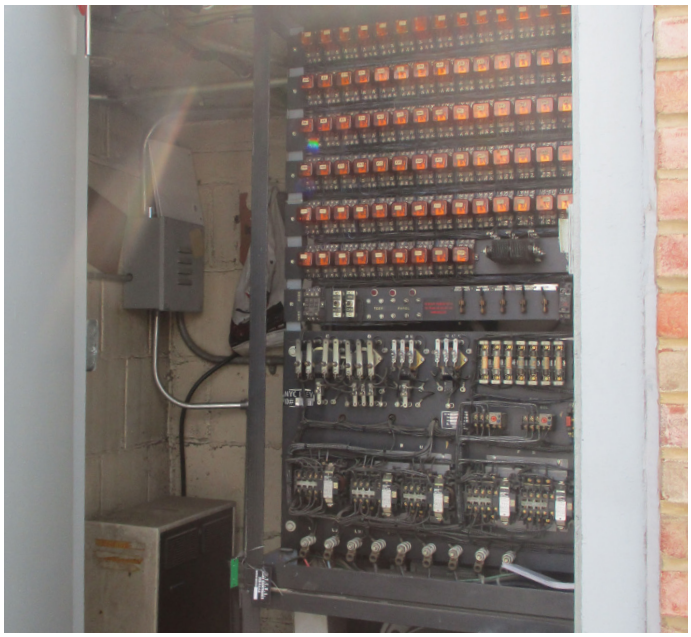
These reports outline the existing conditions of the elevators at each building in the development; including physical condition, code compliance, and accessibility. The reports also offer our recommendations for repair which if approved by NYCHA will be the basis for our design phase documents.

H2M is working closely with our Elevator Consultant (VDA) to determine the best course of action in the rehabilitation of the 96 elevators at the nation's largest single housing complex. Some challenges that H2M is facing with the design of this rehabilitation are the inadequate machine room sizes, antiquated swing access doors, and general constraints of these pre-war buildings.

Posed with the challenge of some non-conforming code conditions including the current clearances required by code in front of the controller, panel board and disconnect switch. H2M is working closely with VDA and NYCHA to improve these existing conditions to the greatest extent possible, while taking into account NYCHA's budget.

A structural analysis was done by H2M to see if expansion of the elevator machine rooms was feasible; this analysis determine the existing structure was not designed for additional loads and would require a substantial amount of structural reinforcement/redesign of the roof structure. Our firm has also engaged a local elevator manufacturer in order to integrate an innovative sliding door system that will work within the constraints of the existing building.

In addition to the elevator assessment, H2M has engaged the NYCDOB for a predetermination on the inadequately sized machine rooms, in order to streamline the DOB approvals process. H2M prepared and submitted an initial CCD-1 package to the Elevator Unit, which outlined the existing non-conforming conditions in the elevator machine rooms, explained the limitations of the building's structural capacity, and detailed our design solution which will improve the (non-conforming) conditions to the greatest extent possible. The CCD-1 was approved with conditions, requesting that H2M also submit to the Borough for a review of the electrical components. H2M prepared and submitted a subsequent CCD-1 to the Borough and is awaiting a predetermination response regarding the electrical clearances.



Roof & Railing Replacement

New York City Housing Authority
New York, NY

Construction Cost: $5.2 million

SERVICES PROVIDED

- Architectural Design
- Structural Design
- MEP Engineering Support
- Construction Administration Oversight


After

H2M provided design services for a roof and roof railing replacement effort at the NYCHA Gompers Houses, which included three buildings totaling approximately 24,540 square feet.

H2M reviewed and integrated NYCHA's standard design guidelines for the liquid applied roofing details, roof railing, edge details, and exterior masonry work. H2M is currently coordinating through NYCHA with another current HVAC project at the community center building. Along with the current HVAC project, some additional challenges are the community center roof, an existing rooftop concrete play area which is no longer functioning in this capacity. In discussing the condition with our structural engineers and the liquid applied roofing manufacturer, H2M's decision to remove the concrete play surface has allowed for better integration of the additional required insulation thickness.

The two residential tower roofs posed other design challenges. Energy code changes have resulted in increased insulation thickness requirements, which pose an issue at the existing bulkhead doors. Design solutions included a play between minimum slope requirements to move water across these roofs to the drains, large distances between the few drains, and restrictions in adding additional drains which would disrupt the residents of the floors below.


Before

Drainage Improvements

New York City Housing Authority

Staten Island, NY

Construction Cost: $600,000

SERVICES PROVIDED

- Civil Engineering
- Hydrologic Modelling
- Geophysical Evaluation
- Topographic Surveying

H2M was selected by NYCHA to make recommendations for drainage repairs at the Stapleton Houses in Staten Island, NY.

Stapleton Houses are an apartment complex located in Staten Island that are operated by the New York City Housing Authority (NYCHA). For at least the last decade, the property has contended with a constant drainage issue.

On the west side of the property, along Warren Street and Gordon Street, the property has experienced saturated ground conditions and flooding after rain events. During this time, the ground conditions on the site have remained constantly wet, as an unidentified source of water has continued to discharge water. The saturated conditions have not only proven an eyesore for the community, but also can be dangerous for the residents as a slip and fall hazard.

H2M was selected by NYCHA to study the drainage issue and make recommendations for repairs. The study consisted of research of existing and historical documentation, field work and water sample analysis to eliminate water main and sewer leaks as sources, and geophysical analyses to validate our conceptual model of the source of the water and as a final basis for conceptual design.

The study discovered a stream once flowed directly through the current site and is now buried, the water discharging on site is chemically most like groundwater and is coming to the site by following the old stream, and the geophysical field work showed the vertical and lateral extent of the groundwater flow zones which correlated well with surface expressions of the flow.

Based on the knowledge compiled during the study, several remedial alternatives were proposed. The solution proposed by H2M was the installation of a subsurface groundwater collection system at the base of the hill, on the west side of the property. The system would intercept the groundwater before it reaches the surface and would drain by gravity to an existing on-site drainage system. H2M then developed contract documents to implement

Trash Hoist Replacements

New York City Housing Authority
Brooklyn, NY

Construction Cost: $1 million

SERVICES PROVIDED

Architectural Design
Structural Engineering
Electrical Engineering

Due to conditions that were deemed unsafe at the existing Coney Island Houses and Marlboro Houses, H2M was assigned an emergency project to replace the existing trash hoist systems with new code compliant systems.

The existing systems were designed to remove ash from the basement incinerators amounted to holes in the floor slabs and platforms that were moved via wenches and cables. The new systems were designed as fully enclosed cabs that will lift the trash from the basement compactor rooms to the first floor for removal.

We inspected and designed trash hoist systems at five buildings at the Coney Island Houses and 17 buildings at the Marlboro Houses. Both sites posed design challenges, as there are typically conflicts with existing systems when retrofitting into an existing building. We investigated these conflicts and, where possible, used creative design solutions to only relocate existing systems when no other solution was logically feasible.

Rooftop Water Tank Evaluations

New York City Housing Authority
New York, NY

Construction Cost: N/A

SERVICES PROVIDED

- Water Supply Engineering
- Plumbing Engineering
- Structural Engineering

H2M provided engineering services to evaluate the available options for replacement of existing wooden rooftop water storage tanks at NYCHA residential developments across New York City.

The New York City Housing Authority (NYCHA) maintains approximately 326 residential developments in New York City. In Manhattan, there are 102 developments with 53,890 apartments. These developments were largely constructed during the post-World War II public housing construction boom between 1945 and 1965.

Throughout the Manhattan developments, NYCHA maintains 89 cedar rooftop water storage tanks ranging in capacity from 4,500 to 50,000 gallons with an average capacity of approximately 20,000 gallons. The rooftop water tank is a common sight on the roofs of New York City buildings greater than six-stories tall. The purpose of these tanks is to ensure that adequate and steady water pressure is maintained in the upper floors without the need to rely on booster pumps to maintain the pressure at the fixtures.

The current practice is to construct a replacement in-kind wood tank. H2M was retained to determine if other water storage solutions are available and conform to the existing needs and codes including New York City Building, Plumbing, and Fire Codes.

The study concluded that glass lined bolted steel tanks may be a viable option and recommended a pilot project be undertaken.

Roof Fan and Ventilation System Upgrade

New York City Housing Authority
New York, NY

Construction Cost: $100,000

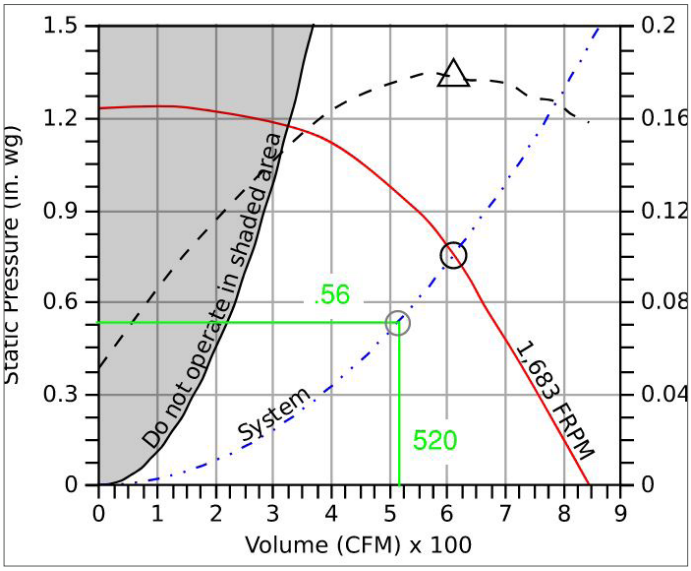
SERVICES PROVIDED

- Heating, Ventilation, and Air Conditioning
- Heating and Boiler Plants
- Construction Administration
- Construction Observation

H2M worked with a manufacturing company to support the New York City Housing Authority's (NYCHA) need to investigate existing systems and develop replacement equipment requirements at the Wald Houses.

The Wald Houses consist of 16 high-rise residential buildings. Using one of the buildings as a test pilot, H2M worked with NYCHA to determine which fan selection would be best for performance, operating point efficiency, spare capacity, and constructability. The findings from the one building would ultimately impact the execution on the other buildings, totaling 12,000 fans and 120,000 grilles.

After reviewing all options, the physical construction of the existing exhaust shafts would not permit standard commercial equipment to be used. Therefore, H2M worked with a private manufacturer to develop a custom built replacement of the roof fan and ventilation system upgrade. Aside from the physical compatibility, H2M reviewed the custom design damper assembly test performance for airflow and pressure drop performance.



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