



**Battery Park  
City Authority**

**REQUEST FOR PROPOSALS**

**FOR**

**Phase 7 Pile Remediation –**

**Construction Management & Diving Inspection Services**

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## I. SUMMARY

Battery Park City Authority d/b/a Hugh L. Carey Battery Park City Authority (“BPCA”) requests proposals (individually, a “Proposal” or collectively, the “Proposals”) from construction management firms (each individually, a “Proposer” or collectively, the “Proposers”) to provide construction management and diving inspection services for the Phase 7 Pile Remediation – Construction Management & Diving Inspection Services Project, as described in the Scope of Work (Exhibit A) (the “Work”). The objective of the Work, together with construction services that BPCA will procure separately, is to complete the final phase (“Phase 7” or the “Project”) of a multi-year BPCA repair and remediation program for the piles supporting the Battery Park City platform structure (the “Program”). The Work will be performed beneath three (3) distinct areas of the Battery Park City Pedestrian Esplanade (the “Esplanade”): (1) Wagner Park, Bents 1-50, approximately 424 piles; (2) the waterfront Esplanade area adjacent to Rector Place, Bents 44-62, approximately 157 piles; and, (3) the waterfront Esplanade area in Rockefeller Park just north of the Ferry Terminal, Bents 74-88, approximately 103 piles (each, together with the approved points of access thereto, a “Project Area”, and collectively, the “Project Areas”). Maps indicating the location of each Project Area (the “Phase 7 Project Area Maps”) are attached hereto as Exhibit F-1.

Created in 1968, BPCA is a New York State public benefit corporation responsible for financing, developing, constructing, maintaining, and operating Battery Park City as a richly diversified, mixed-use community providing residential and commercial space, with related amenities such as parks, plazas, recreational areas, and a waterfront esplanade. A summary of BPCA’s structure, mission, and history, as well as the Battery Park City project area, may be viewed at: [www.bpca.ny.gov](http://www.bpca.ny.gov). Public information regarding BPCA’s finances, budget, internal controls, guidelines, and policies may be viewed at: [www.bpca.ny.gov/public-information](http://www.bpca.ny.gov/public-information). Information relating to the Battery Park City Parks Conservancy Corporation (“BPCPC”), BPCA’s affiliate, may be viewed at: [www.bpcpc.org](http://www.bpcpc.org).

New York State-certified Minority-Owned Business Enterprises (“MBE”), Women-Owned Business Enterprises (“WBE”) and Service-Disabled Veteran-Owned Business Enterprises (“SDVOB”) are encouraged to submit Proposals.

## II. GENERAL PROVISIONS

This request for Proposals, including attachments, exhibits, and any amendments or addenda (collectively, the “RFP”) is subject to the rights reserved by BPCA, including, but not limited to BPCA’s right to:

- Withdraw and/or cancel this RFP at any time before final award of the contract;
- Request clarification and/or additional information from any or all Proposers;
- Amend any term or requirement of this RFP at any time before award of a contract (Proposers may amend their Proposals, as directed by BPCA, if BPCA materially alters or amends the RFP after submission of Proposals);
- Alter any key dates or deadlines related to this RFP;
- Award the Work, in whole or in part, to one or more Proposers with or without interviews or negotiations;
- reject any Proposal that does not strictly conform to the requirements of this RFP;
- Conduct one or more interviews, either in-person or by phone, with any or all of the Proposers to aid the evaluation process;
- Request a best and final offer from any of the Proposers;
- Negotiate potential contract terms with any Proposer; and
- **Amend the selected Proposer’s Contract to add construction management services for any relieving platform or pile repair modification or strengthening work not otherwise included in the**



**attached Scope of Work (Exhibit A) that is determined by BPCA to be necessary or appropriate as the result of the findings of the Project designer's upcoming condition assessment and load bearing analysis pertaining to the Project Areas at the Contract terms and rates agreed for the Work.**

BPCA is not liable or responsible in any way for any expenses incurred in the preparation of a Proposal in response to this RFP. All information submitted in response to this RFP is subject to the Freedom of Information Law, Article 6 of the New York State Public Officers Law ("FOIL"), which requires public access to certain documents possessed by BPCA, unless a specific exemption applies. Proposers are responsible for identifying any information in their respective Proposals considered to be confidential and exempt from FOIL. BPCA, however, is obligated to disclose information consistent with the requirements of FOIL, NYS Public Officers Law Section 87.

### **III. TIMETABLE & DESIGNATED CONTACT**

#### ***A. Key Dates***

Subject to change at BPCA's discretion, the following are key dates for this RFP:

- RFP issued: January 9, 2020
- Pre-proposal meeting (attendance is highly recommended):
  - Date / Time: January 16, 2020 at 9:30 AM
  - Location: BPCA Offices, 24<sup>th</sup> Floor, 200 Liberty Street, New York, NY 10281
- Deadline to submit questions to BPCA: January 22, 2020 at 5:00 PM (by email only)

All questions regarding this RFP should be submitted in writing via email to the "Designated Contact": **Michael LaMancusa**, Battery Park City Authority, at michael.lamancusa@bpca.ny.gov.

- BPCA's response to substantive questions: January 29, 2020 (via BPCA website)
- PROPOSAL DUE DATE: **February 4, 2020** by 5:00 p.m. (the "Due Date")
  - Pre-Award Meetings, if needed, will be scheduled for February 11 and/or 12, 2020.
- Contract start date: March 2020 (approximate)

#### ***B. Anticipated Contract Term***

It is anticipated that the term of the contract or contracts awarded pursuant to this RFP (the "Contract" or "Contracts") will be twelve (12) months, with the construction phase running from approximately June 1, 2020 through November 30, 2020 (assuming a thirty (30) day extension of the normal October 31 deadline for in-water work is secured by the contractor). BPCA reserves the right to terminate the Contract or Contracts at any time, with or without cause, in accordance with the terms of the Contract. BPCA's sample form of contract (the "Standard Form of Contract") is attached as Exhibit C.

#### **IV. GENERAL REQUIREMENTS**

##### ***A. Minimum Qualification Requirements***

The following are the minimum qualification requirements for this RFP. Proposals that fail to meet these requirements will be rejected.

- 1) The Proposer must have an office in New York State (a New York City office is strongly preferred).
- 2) The Proposer must be lawfully authorized to conduct business in the State of New York.
- 3) The Proposer or one or more of its principals must have at least five (5) years' experience in providing construction management services for urban marine/waterfront projects.
- 4) The Proposer or one or more of its principals or sub-consultants must have at least five (5) years' experience in providing underwater inspection services for urban marine/waterfront projects.

##### ***B. MBE/WBE/SDVOB Participation, Joint Ventures, and Sub-consulting Goals***

Contractor requirements and procedures for business participation opportunities for New York State certified MBEs/WBEs/SDVOBs and equal employment opportunity requirements relating to minority group members and women are attached as Exhibit B. For questions relating to MBE/WBE/SDVOB participation, joint ventures and sub-contracting goals *only*, please contact the "MBE/WBE/SDVOB Designated Contact" Mr. Justin McLaughlin-Williams at [justin.mclaughlin-williams@bpca.ny.gov](mailto:justin.mclaughlin-williams@bpca.ny.gov) or 212-417-2337.

##### ***C. Restricted Period***

New York State's State Finance Law sections 139-j and 139-k apply to this RFP, restricting Proposers' contacts with BPCA. Proposers are restricted from making any contact (defined as oral, written or electronic communications with BPCA under circumstances where a reasonable person would infer that a communication was intended to influence BPCA's conduct or decision with respect to a procurement) relating to this RFP with anyone other than the Designated Contact, as specified in Section III.A., or MBE/WBE/SDVOB Designated Contact, as specified in Section IV.B., from the time of Proposer's receipt of notice of this RFP through the date of the Final Award as defined in BPCA's Procurement Guidelines (the "Restricted Period"). BPCA employees must record certain contacts during the Restricted Period, including, but not limited to, any oral or written communications that could reasonably be seen as intended to influence BPCA's conduct or award of this RFP. Upon notice of an improper contact, BPCA will make a determination regarding the Proposer's eligibility to continue participating in this RFP.

##### ***D. Submission of Proposals***

**Proposals must be received by BPCA no later than 5:00 p.m. on February 4, 2020.**

Each Proposer must submit six (6) paper copies and a PDF version (via CD-ROM or flash drive) in a sealed package clearly marked "Phase 7 Pile Remediation – Construction Management & Diving Inspection Services" to the Designated Contact by messenger, overnight courier or certified mail to the following address:

Michael LaMancusa  
Battery Park City Authority  
200 Liberty Street, 24<sup>th</sup> Floor  
New York, NY 10281

BPCA is not responsible for late Proposals, no matter the cause. Proposals *must* arrive at the time and place specified herein and be timestamped by BPCA, by the Due Date. Please leave ample time for building security. Late Proposals will NOT be accepted. Proposals submitted by fax or electronic transmission will NOT be accepted. A Proposer may, after submitting a Proposal, amend its Proposal by submitting an amended Proposal, clearly labeled “Amended Proposal - Phase 7 Pile Remediation – Construction Management & Diving Inspection Services,” as long as the amended Proposal is submitted by the Due Date in the same manner specified in this Section IV.D.

## **V. PROPOSAL FORMAT AND CONTENTS**

### **A. *Proposal Format***

The Proposal must:

- Be printed on 8½” x 11” paper; and
- Have numbered pages.

### **B. *Proposal Content***

In addition to the separately sealed Cost Proposal, described in Section VIII. below, each Proposal must include the following in the order listed:

- 1) Cover Letter, signed by a person within the Proposer’s firm who is authorized to bind the Proposer. The cover letter must include representations that:
  - (a) Except as disclosed in the Proposal, no officer or employee of the Proposer is directly or indirectly a party to or in any other manner interested financially or otherwise in this RFP;
  - (b) Proposer satisfies all of the minimum qualification requirements in Section IV.A; and
  - (c) Proposer has reviewed BPCA’s Standard Form of Contract, attached as Exhibit C to this RFP, and either has no objections or has detailed their objections in an appendix to their Proposal.
- 2) Executive Summary.
- 3) Responses to the Questions as well as all of the Information Required (Sections VI.A. and B.).
- 4) Required Attachments (Section VI. C.).

**BPCA reserves the right to reject any Proposals that fails to include any content described in this Section V.B, including Cover Letters that are unsigned or do not include each of the representations set forth in Section V.B.1 (including appendices as required by Section VI.A.7, if applicable, and VI.C.6).**

## VI.

### **INFORMATION REQUIRED**

#### ***A. Questions and Information Sought Relating to the Work***

1. Describe your team's background, experience, and staff as they are relevant to the provision of the Work, with an emphasis on construction management and diving inspections for marine pile repair, remediation, and modification projects, especially in New York City. Specifically highlight in your description any experience (including both direct contract work and work performed under subcontracts) with similar work for other public entities, with an emphasis on New York State and New York City public entities. Include contract dates, the nature of the work performed, the contracting agency, the contract number (if known), and the public entity's supervisor for each project.
2. Describe the nature and extent of your team's experience working with regulatory entities and agencies having jurisdiction over marine work performed in New York City, including, but not limited to, the New York State Department of Environmental Conservation ("NYSDEC") and the United States Army Corps of Engineers ("USACE").
3. Submit a discussion of your specific approach to the Work, which shall address your proposed procedures and plan for staffing, performance, sequencing and completion of the Work, with particular emphasis on any proposed means of maximizing productivity and time savings for the Project.
  - (a) Describe your team's general methodology and performance standards for construction management services, especially as they pertain to marine pile repair and remediation projects, including but not limited to pre-construction services, coordination and oversight, schedule management, administrative management, project coordination, project reporting, quality control, regulatory compliance, and safety oversight.
  - (b) Describe your team's general methodology for diving inspection services for marine pile repair and remediation projects.
4. List the core members, managers, or supervisors of the team who you intend to assign to the Work, and include for each listed individual: (a) area(s) of specialization; (b) title and/or position within your firm; (c) years and type(s) of relevant experience; and (d) the services to be performed. Also, specify the total number of staff members you intend to use for the Work, and include their titles and/or Project roles.
5. Identify the person who will be the lead project manager (the "Lead PM") and primary contact in providing services to BPCA.
6. Identify any sub-consultants you intend to use for this engagement, and describe the services to be performed by each sub-consultant.
7. Clearly identify any information in your Proposal that you believe to be confidential and exempt from FOIL, and state the specific basis for your claim of confidentiality and exemption. Please note that this question is for informational purposes only, and BPCA retains sole discretion regarding whether information or materials are exempt from disclosure under FOIL.
8. Identify any and all exceptions taken to BPCA's Standard Form of Contract, attached as Exhibit C, and explain the reasons for such exceptions. Such exceptions must be detailed in an appendix to your Proposal labeled, "Appendix: Objections to BPCA Form of Contract." BPCA will not

consider any exceptions to the Standard Form of Contract other than those exceptions set forth in such Appendix. BPCA maintains the right to reject Proposals based on non-conformance with the Standard Form of Contract.

9. Provide at least three (3) client references for whom your firm has performed work similar to the Work requested in this RFP. For each such client, describe the project, the project's date, services performed, and the name, address, and telephone number for a person at the client's firm who is familiar with such past work.

***B. Questions and Information Sought Relating to Proposer's Firm & Eligibility***

1. Within the past three (3) years, have there been any significant developments in your firm such as changes in ownership or restructuring? Do you anticipate any significant changes in the near future? If so, please describe.
2. How does your firm identify and manage conflicts of interest?
3. Are there any potential conflict of interest issues posed by your firm's performance of the Work on behalf of BPCA?
4. Has your firm, or have any of the firm's partners/employees, been disciplined or censured by any regulatory body within the last five (5) years? If so, please describe the relevant facts.
5. Within the last five (5) years, has your firm, or has a partner or employee in your firm, been involved in litigation or other legal proceedings relating to the provision of professional services? If so, please provide an explanation and the current status or disposition of the matter.
6. List any professional or personal relationships your firm's employees may have with BPCA's Board Members and/or employees, a list of which is attached as Exhibit I.
7. If selected, will your firm assign any person to this engagement who was previously an employee of BPCA or BPCPC? If so, please: i) identify when (month and year) that person's employment at BPCA/BPCPC terminated, and ii) describe that person's involvement, if any, with matters related to this RFP during his/her employment at BPCA/BPCPC.
8. In the past five (5) years, have any public sector clients terminated their working relationship with your firm? If so, please provide a brief statement of the reasons. Provide the name of the client and provide a contact person, address, and telephone number.

***C. Required Attachments***

- 1) Mandatory Forms:

Each Proposal must include a completed copy of all "Mandatory Forms" found at: [www.bPCA.ny.gov/wp-content/uploads/2015/03/Mandatory-Forms.pdf](http://www.bPCA.ny.gov/wp-content/uploads/2015/03/Mandatory-Forms.pdf).

The Mandatory Forms include the following:

- a) NYS Standard Vendor Responsibility Questionnaire, notarized and signed by the individual(s) authorized to contractually bind the Proposer, indicating the signer's title/position within the firm.\*

- b) State Finance Law § 139 Form 1, signed by the individual(s) authorized to contractually bind the Proposer.\*
- c) W-9 form.
- d) Statement of Non-Collusion.
- e) MBE/WBE/SDVOB Utilization Plans. Please note that all such plans must be submitted even if Proposer is a MBE/WBE/SDVOB.

\*In addition to the copy required to be included in each bound Proposal, Proposers must additionally provide one (1) unbound, completed original, with ink signatures, of the NYS Standard Vendor Responsibility Questionnaire and SFL 139 Form 1.

- 2) Response to the question regarding the use of New York State businesses set forth in Section XII.
- 3) Completed MBE/WBE & EEO Policy Statement and Diversity Practices Questionnaire (attached as Exhibit B).
- 4) Financial Statements:

Provide a copy of your firm's most recent Audited Financial Statements (within the last year). In the event you do not have audited financials you must provide a statement to that effect with your proposal, and summary financial information for the calendar year most recently ended.

- 5) Acknowledgement of Addenda:

Attach a completed and signed Acknowledgement of Addenda Form, attached as Exhibit H, acknowledging receipt of all addenda to this RFP, if any, issued by BPCA before the Due Date. Addenda are posted by BPCA as necessary and can be found on the BPCA website at [www.bpca.ny.gov](http://www.bpca.ny.gov). It is the responsibility of each Proposer to check the BPCA website for addenda and to review addenda prior to submitting any proposal in response to this RFP.

- 6) Appendices:

- a) Attach professional biographies for all key members, managers, and supervisors that will be assigned to the Project.
- b) Attach a project schedule for performance of all Work.

## **VII. INSURANCE REQUIREMENTS**

### ***A. General Requirements***

The total cost of the required insurance listed in Sections B and C below, must be incorporated into the Cost Proposal. The additional insured protection afforded BPCA, BPCPC, and the State of New York must be on a primary and non-contributory basis. All policies must include a waiver of subrogation in favor of BPCA, BPCPC, and the State of New York, no policies may contain any limitations / exclusions for New York Labor Law claims, and cross liability coverage must be provided for BPCA, BPCPC, and the State of New York.

All of the carriers that provide the below required insurance must be rated “A-:VII” or better by A.M. Best and must provide direct written notice of cancellation or non-renewal to BPCA, BPCPC, and the State of New York at least 30 days before such cancellation or non-renewal is effective, except for cancellations due to non-payment of premium, in which case 10 days written notice is acceptable.

***B. Insurance Requirements for the Selected Proposer***

The selected Proposer will be required to obtain (and provide proof of) the types and amounts of insurance listed below, before and throughout performance of the Work.

- **Commercial General Liability Insurance**, written on ISO Form CG 00 01 or its equivalent and with no modification to the contractual liability coverage provided therein, shall be provided on an occurrence basis and limits shall not be less than:
  - \$6,000,000 per occurrence
  - \$7,000,000 general aggregate which must apply on a per location / per project basis
  - \$7,000,000 products/completed operations aggregate

BPCA, BPCPC, and the State of New York must be protected as additional insureds on ISO Form CG 2010 (11/85) or its equivalent on policies held by the selected Proposer and any of its subcontractors. Should the Proposer’s work include construction activities of any kind then the Proposer must maintain Products / Completed Operations coverage for no less than three years after the construction work is completed, and continue to include Additional Insured protection for BPCA, BPCPC & the State of New York for the prescribed timeframe. When providing evidence of insurance, the Proposer must include a completed Acord 855 NY form. Securing the required limits via a combination of primary and umbrella/excess liability policies is allowed. The general aggregate limit must apply on a per project basis on the primary General Liability policy should a combination of primary and Umbrella/Excess liability policies be utilized to secure the required total limits of coverage.

- **Automobile Liability Insurance** with a combined single limit of not less than \$1,000,000. Coverage must apply to the Proposer’s owned, hired, and non-owned vehicles and protect BPCA, BPCPC, and the State of New York as additional insured.
- **Workers’ Compensation, Employer’s Liability, and Disability Benefits** shall not be less than statutory limits, including United States Longshore and Harbor Workers Act coverage as applicable to the operations of the Proposer.
- **Professional Liability (“Errors & Omissions”) Insurance** must be maintained at a limit of not less than \$1,000,000 each claim.

***If the selected Proposer chooses to utilize a watercraft for the underwater inspection, then the below insurance is required:***

- **Comprehensive Marine Liability Insurance** must be maintained at a limit of not less than \$1,000,000 per occurrence and include the following coverage:
  - Protection and indemnity
  - General liability
  - Pollution liability

BPCA, BPCPC, and the State of New York must be protected as additional insureds on policies held by the selected Proposer and any of its subcontractors.

***C. Insurance Requirements for all Subcontractors***

The selected Proposer's Subcontractors will be required to obtain (and provide proof of) the types and amounts of insurance listed below, before and throughout performance of the Work.

- **Commercial General Liability Insurance**, written on ISO Form CG 00 01 or its equivalent and with no modification to the contractual liability coverage provided therein, shall be provided on an occurrence basis and limits shall not be less than:
  - \$1,000,000 per occurrence
  - \$2,000,000 general aggregate which must apply on a per location / per project basis
  - \$2,000,000 products/completed operations aggregate

BPCA, BPCPC, and the State of New York must be protected as additional insureds on ISO Form CG 2010 (11/85) or its equivalent on policies held by all subcontractors. Should the subcontractor's work include construction activities of any kind then the subcontractor must maintain Products / Completed Operations coverage for no less than three years after the construction work is completed and continue to include Additional Insured protection for BPCA, BPCPC & the State of New York for the prescribed timeframe. When providing evidence of insurance the Proposer must include a completed Acord 855 NY form.

- **Automobile Liability Insurance** with a combined single limit of not less than \$1,000,000. Coverage must apply to the subcontractor's owned, hired, and non-owned vehicles and protect BPCA, BPCPC, and the State of New York as additional insured.
- **Workers' Compensation, Employer's Liability, and Disability Benefits** shall not be less than statutory limits, including United States Longshore and Harbor Workers Act coverage as applicable to the operations of the subcontractor.
- **Subcontractors will also be required to obtain all other insurances listed in Section VII.B unless otherwise approved in writing by BPCA prior to commencement of any Subcontractor's work.**

**VIII. COST PROPOSAL: FORMAT AND REQUIRED INCLUSIONS**

Each Cost Proposal must state a total not-to-exceed cost for the performance of all Work and include the following:

- 1) A Cost Proposal in the form attached hereto as Exhibit D ("Cost Proposal"); and,
- 2) Labor rates in the form attached hereto as Exhibit E ("Form of Technical Salaries").

The Cost Proposal must be submitted in its own separate, sealed envelope within the sealed package containing all other Proposal documents. Please provide six (6) copies of the Cost Proposal.



## **IX. SELECTION PROCESS**

### ***A. Evaluation***

Each timely submitted Proposal will be reviewed for compliance with the form and content requirements of this RFP. A committee of BPCA employees selected by BPCA (the “Committee”) will then review and evaluate the Proposals in accordance with the evaluation criteria set forth below. While only Committee members will score the evaluation criteria, the Committee may consult an outside expert for advisement on the evaluation of matters requiring technical expertise. Before final selection, BPCA must determine that the proposed selected Proposer is responsible, in accordance with applicable law and BPCA’s Procurement Guidelines, which may be viewed at: [www.bpcanyc.org/public-information](http://www.bpcanyc.org/public-information).

### ***B. Interviews***

BPCA reserves the right to decide whether to interview any or all of the Proposers. The Committee may conduct interviews for many reasons, including to further assess a Proposer’s ability to perform the Work or provide specific services, or to seek information related to any other evaluation criteria. The proposed Lead PM, as well all other key personnel proposed to perform the Work, must be available to participate in the interview.

### ***C. Evaluation Criteria for Selection***

Selection will be based upon the following criteria:

#### 1) Technical Evaluation:

- Experience managing similar large scale marine construction and repair work for waterfront facilities, including projects involving pile repairs, encasements, and modifications in the New York City metropolitan area ..... 35%
- Experience and expertise in diving inspection services for marine construction and repair projects ..... 25%
- Proposed staffing (including sub-consultants), approach to work, and resources ..... 30%
- Responses to Diversity Practices Questionnaire..... 10%

#### 2) Cost/Labor Proposal evaluation.

### ***D. Basis for Contract Award***

To the extent BPCA, in its sole discretion, awards a Contract, the Contract will be awarded to the highest technically-rated Proposer whose Proposal is determined to be responsive and in the best interests of BPCA, subject to the Committee’s determination that the Cost Proposal is fair, reasonable, and provides the best value to BPCA given the requirements of the Project.

## **X. NON-COLLUSION**

By submitting a Proposal, each Proposer warrants and represents that any ensuing Contract has not been solicited or secured directly or indirectly in a manner contrary to the laws of the State of New York, and that said laws have not been violated and shall not be violated as they relate to the procurement or the performance

of the Contract by any conduct, including the paying or giving of any fee, commission, compensation, gift, or gratuity or consideration of any kind, directly or indirectly, to any member of the board of directors, employee, officer or official of BPCA.

## **XI. IRAN DIVESTMENT ACT**

By submitting a Proposal or by assuming the responsibility of any Contract awarded hereunder, each Proposer certifies that it is not on the “Entities Determined To Be Non-Responsive Bidders/Offerers Pursuant to The New York State Iran Divestment Act of 2012” list (“Prohibited Entities List”) posted on the New York State Office of General Services website at: <http://www.ogs.ny.gov/about/regs/docs/ListofEntities.pdf> and further certifies that it will not utilize any subcontractor/consultant that is identified on the Prohibited Entities List on this Contract. The selected Proposer agrees that should it seek to renew or extend any Contract awarded hereunder, it must provide the same certification at the time the Contract is renewed or extended. The selected Proposer also agrees that any proposed assignee of the Contract will be required to certify that it is not on the Prohibited Entities List before BPCA may approve a request for assignment of the Contract.

During the term of any Contract awarded hereunder, should BPCA receive information that a person (as defined in State Finance Law §165-a) is in violation of the above-referenced certifications, BPCA will review such information and offer the person an opportunity to respond. If the person fails to demonstrate that it has ceased its engagement in the investment activity which is in violation of the New York State Iran Divestment Act of 2012 within 90 days after the determination of such violation, then BPCA shall take such action as may be appropriate and provided for by law, rule, or contract, including, but not limited to, seeking compliance, recovering damages, or declaring the selected Proposer in default of the awarded Contract.

BPCA reserves the right to reject any request for renewal, extension, or assignment for an entity that appears on the Prohibited Entities List prior to the renewal, extension, or assignment of the Contract, and to pursue a responsibility review with the selected Proposer should it appear on the Prohibited Entities List hereafter.

## **XII. ENCOURAGING USE OF NEW YORK STATE BUSINESSES IN CONTRACT PERFORMANCE**

New York State businesses have a substantial presence in State contracts and strongly contribute to the economies of the state and the nation. In recognition of their economic activity and leadership in doing business in New York State, Proposers for this Contract for commodities, services or technology are strongly encouraged and expected to consider New York State businesses in the fulfillment of the requirements of the Contract. Such partnering may be as subcontractors, suppliers, protégés or other supporting roles.

Proposers are strongly encouraged, to the maximum extent practical and consistent with legal requirements, to use responsible and responsive New York State businesses in purchasing commodities that are of equal quality and functionality and in utilizing services and technology. Furthermore, Proposers are reminded that they must continue to utilize small, minority and women-owned businesses, consistent with current State law.

Utilizing New York State businesses in State contracts will help create more private sector jobs, rebuild New York’s infrastructure, and maximize economic activity to the mutual benefit of the contractor and its New York State business partners. New York State businesses will promote the contractor’s optimal performance under the Contract, thereby fully benefiting the public sector programs that are supported by associated procurements.

Public procurements can drive and improve the State’s economic engine through promotion of the use of New York businesses by its contractors. The State therefore expects bidders/proposers to provide maximum assistance to New York businesses in their contracts. The potential participation by all kinds of New York businesses will deliver great value to the State and its taxpayers.

Proposers can demonstrate their commitment to the use of New York State businesses by responding to the question below. Each proposer must include a response to this question with their proposal. Please note that a “yes” response requires supporting information. If yes, identify New York State businesses that will be used and attach identifying information.

Will New York State businesses be used in the performance of this contract?      ☐ Yes      ☐ No

## **EXHIBIT A**

### **SCOPE OF WORK**

#### **I. GENERAL DESCRIPTION OF PROJECT AREAS**

Located at Manhattan's southwestern tip, Battery Park City ("BPC") is a 92-acre land tract built in the 1970's by dredging organic river soils and filling in a portion of the Hudson River with hydraulic sand fill. This fill is laterally retained with a combination of cellular steel sheet piles, crushed quarry stone dike, granular filter materials, timber sheeting bulkhead, and a relieving platform. The BPC Esplanade relieving platform (the "Relieving Platform") is generally 70-feet wide, but ranges from 43-feet to 50-feet in the North and South Cove areas as well as in the North Platform area adjacent to Stuyvesant High School. The Relieving Platform is a concrete platform deck composed of 7 ½ inch thick pre-cast, pre-stressed concrete planks integrated with 7½ inch thick reinforced cast-in-place concrete, spanning between cast-in-place concrete pile-supported bents located approximately 23 feet on center. The supporting piles are 20-inch pre-cast, pre-stressed concrete squares with a design axial capacity of 110 tons. The Relieving Platform's landside edge has a continuous cast-in-place reinforced concrete beam, 3-feet wide by 4 to 4½-feet high, supported by vertical and battered piles. Vertical timber sheeting lines the back (inboard) edge of the Relieving Platform's perimeter.

Beginning in 2007, BPCA established a multi-year Program of inspection, maintenance, repair, and encapsulation of the concrete piles that support the Relieving Platform. The first six (6) phases (performed between 2007 and 2019) addressed the piles at the BPC Esplanade by the ferry terminal on the north side of North Cove Marina, the Winter Garden, and sections of the southern and northern portions of the Esplanade. The Work will involve the seventh and final phase of the Program, and will be performed beneath the Relieving Platform in three distinct areas of the Battery Park City Pedestrian Esplanade: (1) Wagner Park, Bents 1-50, approximately 424 piles; (2) the waterfront Esplanade area adjacent to Rector Place, Bents 44-62, approximately 157 piles; and, (3) the Esplanade in Rockefeller Park just north of the Ferry Terminal, Bents 74-88, approximately 103 piles (each, together with the approved points of access thereto, a "Project Area" and collectively, the "Project Areas"). The Phase 7 Project Area Maps, and layout drawings showing the affected piles associated with this Project, are attached hereto as Exhibit F-1 and Exhibit F-2, respectively.

For background and technical reference only, construction drawings associated with the prior Phase 6 Pile Remediation Project are attached hereto as Exhibit G.

#### **II. SCHEDULE & SEQUENCING PARAMETERS**

The Wildlife & Fisheries permits applicable to the Phase 7 Pile Remediation Work allows for in-water work from May 1 through October 31, 2020 (the "In-Water Work Season"), with the possibility of a thirty (30) day extension to November 30, 2020 if certain conditions are met and approval is obtained. Phase 7 Pile Remediation Work must be performed during the 2020 In-Water Work Season.

#### **III. SCOPE OF CONSTRUCTION MANAGEMENT SERVICES**

The selected Proposer shall provide BPCA with all construction management and diving inspection services necessary for completion of the Project, which shall consist of three (3) discrete construction-related tasks to be designed and performed during the relevant In-Water Work Season. Specifically, for each Project Area the Work shall include, but not be limited to, performance of any and all work and service items listed below.

## **A. General**

### **The selected Proposer shall:**

- 1) Provide full construction management services including, but not limited to, management of the Project, and construction inspection services from award of the Contract through the close-out of construction for the Project.
- 2) Be responsible for Project coordination and the review/tracking of the construction contractor's Critical Path Method (CPM) schedule.
- 3) Be responsible for the financial aspects of the Project, including cost estimates and financial reporting for the Project, both of which must be issued to BPCA on a monthly basis along with a Project summary report detailing the prior month's construction progress and identifying any issues or concerns related to the Project.
- 4) Ensure that all work for the Project adheres to all relevant Local, City, State, and Federal laws, codes, regulations, and guidelines.
- 5) Coordinate and cooperate with the Project's design engineer (the "Project Engineer") to modify or adjust plans and specifications, if needed, to ensure the completion of all construction in the allowable time frame. Consideration must be given to all logistics of the Work including but not limited to phasing, weather factors, workforce requirements, multiple staging, etc.
- 6) Collect and review all information pertaining to the areas surrounding the Project Areas and any land-based access points to the Project Areas to become familiar with any existing utilities and/or structures which could interfere with or affect the performance or completion of construction.

## **B. Pre-Construction**

### **The selected Proposer shall:**

- 1) Assist BPCA with the construction bid/proposal procurement, inclusive of the solicitation, qualification and reference review, proposal review and comparison, and review and recommendation of contractors.
- 2) Review and approve the contractor's logistics plan and overall construction plan to ensure that all reasonable efforts are made to perform the Project with **minimal-to-no disruption** to the finished and adjacent areas (public and private), and minimal-to-no impact on the community and general public. (The selected Proposer will continue to monitor compliance with this objective throughout the Project.)
- 3) Develop and submit for approval by BPCA construction management procedures for managing the execution of the Project. This shall include, but not be limited to, general and special conditions, Project directory, submittal processing procedures, tracking logs (for all Project costs, submittals, plan & specification changes, change orders, etc.), daily field reports, meeting minutes, change order requests, requisitions, site access procedures, etc. All appropriate construction management procedures and forms shall be made available in electronic format. BPCA may elect to use alternate procedures or documents, and the selected Proposer may be required to utilize, update, and/or revise such alternate documents and adhere to such alternate procedures.

- 4) Communicate regularly with BPCA through its Director of Infrastructure and meet with BPCA when appropriate, or at BPCA's request, to allow BPCA to ascertain any concerns, limitations, restrictions, parameters or other guidance related to selected Proposer's performance of the Project and selected Proposer shall monitor or adjust the Project schedule to address these items.
- 5) Be responsible for working with the design/engineering consultant to BPCA, arranging meetings with various specialty contractors, equipment manufacturers and industry specialists in order to assist in the selection of technically viable solutions, determine the availability of material, justify the schedule, and develop and prepare associated cost estimates.
- 6) Provide cost estimating services, as requested by BPCA, to verify the construction budget, or selected elements thereof.
- 7) Assist BPCA, if requested, with construction contractor's contract negotiations, including review and familiarization with relevant contract terms and provisions, and with the selection of any required specialty contractors.
- 8) Be responsible for monitoring any site access and Work performed during the pre-construction phase and for coordination of site access in accordance with BPCA's guidelines.
- 9) Coordinate with the construction contractor with respect to office and storage space and changing areas for the selected Proposer's diving inspectors. The construction contractor shall be required to provide two (2) spaces for the selected Proposer within each of its furnished trailers, which shall be located on float stations or barges within the North and South locations in the river. Furnishings to be supplied by the construction contractor shall include basic office furniture and shall not include computers, printers or other electronic equipment.

### **C. Construction & Close-out**

#### **The selected Proposer shall:**

- 1) Provide full-time waterside and underwater inspections. Underwater inspections will be performed by a diver who is certified as a professional engineer (the "P.E. Diver"). The P.E. Diver may conduct his/her inspection either physically in the water or on-site but out of the water in coordination with other member(s) of the diving inspection team. When the P.E. diver is out of the water, he/she must be able to visually and clearly see, in real time, what the non-P.E. diver is inspecting by means of a video connection. The underwater inspections will be coordinated with the construction contractor's schedule. Each pile will be inspected a minimum of four (4) times – if necessary to, up to five (5) times – after cleaning, jacketing, installation of grout/concrete material, and after the pile is fully complete (i.e. placement of the epoxy top seal that transitions between the repair jacket and the bottom of the pile cap). Additional inspections may be required if necessary to verify performance of corrective work and to confirm acceptability and approval.
- 2) Work with the construction contractor to establish acceptable site logistics and monitor construction activities to check for conformance with approved plans.
- 3) Review all construction contractor requisitions for payment, trade payment breakdowns and certified payroll reports for compliance with the terms of the construction contractor's contract, and, if compliant, recommend approval of payment.
- 4) Be responsible for reviewing and tracking the construction contractor's CPM schedule for conformance with planned milestones. If the construction contractor changes the schedule, the

selected Proposer shall review the proposed changes, recommend approval of the revised schedule if appropriate and continue to track the new schedule with the selected Proposer's construction inspection staff. The selected Proposer shall be prepared to review this document in detail at the construction kickoff meeting. The selected Proposer shall perform monthly reviews of the construction contractor's CPM schedule during the construction period.

- 5) Administer a construction kick-off meeting with the Project construction contractor and all Project team members, including preparation and distribution of meeting minutes.
- 6) Schedule and conduct all job progress meetings, including preparation and distribution of meeting minutes. Project meetings shall be weekly.
- 7) Track the disposition of all construction contractor submittals, including general requirements (bonds, insurance, etc.), schedule, procedures, materials, shop drawings, subcontractor and supplier qualification submittals in accordance with the specifications for the Project. A weekly submittal tracking report shall be submitted to BPCA. The construction progress shall be tracked weekly with an updated printed display of completed pile activity at each Project meeting.
- 8) Review and monitor the work of the construction contractor in accordance with the plans and specifications to ensure the work is completed in accordance with the Project's parameters of cost, schedule, and quality.
- 9) Review and monitor daily construction progress against the Project schedule. Daily reporting responsibilities shall include but not be limited to daily logs of contractor hours on-site, weather, contractor man-power, deliveries, disposals, construction work completed, special occurrences, photo documentation of the work, pre-construction conditions, job progress, contractor equipment, material testing and construction work completed. These logs shall be retained on-site and be readily available to BPCA.
- 10) Submit daily Project Management reports and monthly executive summary reports to BPCA via email to BPCA's Director of Infrastructure. Such reports shall include a brief narrative of the Project status, outstanding issues, status reports, tracking reports, Project financial status, and schedule.
- 11) Review all requests for change orders, perform cost estimates when requested, negotiate terms of change orders with the construction contractor, and provide recommendations for acceptance or rejection to BPCA.
- 12) Determine substantial completion of the Project and coordinate a punch list inspection.
- 13) Conduct final inspections and approval of the Project and issue work acceptance certificates.
- 14) Be responsible for monitoring and facilitating Project completion within the time specified in Section III(B) of this RFP.
- 15) Provide Project close out services, including the submission of all Project records, inspection reports and a final Project summary report to BPCA at Project completion.

#### **IV. GENERAL CONSIDERATIONS**

BPCA reserves the right to amend the selected Proposer's Contract to add construction management services for any relieving platform or pile repair modification or strengthening work not otherwise included herein that is determined by BPCA to be necessary or appropriate as the result of the findings of the Project designer's upcoming condition assessment and load bearing analysis pertaining to the Project Areas at the Contract terms and rates agreed for the Work.



## **EXHIBIT B**

### **CONTRACTOR REQUIREMENTS AND PROCEDURES FOR PARTICIPATION BY NEW YORK STATE-CERTIFIED MBEs/WBEs/SDVOBs AND EQUAL EMPLOYMENT OPPORTUNITIES FOR MINORITY GROUP MEMBERS AND WOMEN**

#### **NEW YORK STATE LAW**

Pursuant to New York State Executive Law Article 15-A and Parts 140-145 of Title 5 of the New York Codes, Rules and Regulations BPCA is required to promote opportunities for the maximum feasible participation of New York State-certified MBEs/WBEs (collectively, “MWBE(s)”) and the employment of minority group members and women in the performance of BPCA contracts. Pursuant to New York State Executive Law Article 17-B and 9 NYCRR §252, BPCA recognizes its obligation under the law to promote opportunities for maximum feasible participation of certified SDVOBs.

#### **Business Participation Opportunities for MWBEs**

For purposes of this solicitation, BPCA hereby establishes the following MWBE participation goals, based on the current availability of MWBEs:

**Overall goal for total MWBE participation:** **30%**

**NYS-Certified Minority-Owned Business (“MBE”) Participation:** **15%**

**NYS-Certified Women-Owned Business (“WBE”) Participation:** **15%**

A contractor (“Contractor”) on any contract resulting from this procurement (“Contract”) must document its good faith efforts to provide meaningful participation by MWBEs as subcontractors and suppliers in the performance of the Contract. To that end, by submitting a response to this RFP, the Proposer agrees that BPCA may withhold payment pursuant to any Contract awarded as a result of this RFP pending receipt of the required MWBE documentation. The directory of MWBEs can be viewed at: [www.ny.newnycontracts.com](http://www.ny.newnycontracts.com). For guidance on how BPCA will evaluate a Contractor’s “good faith efforts,” refer to 5 NYCRR § 142.8.

The Proposer understands that only sums paid to MWBEs for the performance of a commercially useful function, as that term is defined in 5 NYCRR § 140.1, may be applied towards the achievement of the applicable MWBE participation goal.— The portion of a contract with an MWBE serving as a supplier that shall be deemed to represent the commercially useful function performed by the MWBE shall be 60 percent of the total value of the contract. The portion of a contract with an MWBE serving as a broker that shall be deemed to represent the commercially useful function performed by the MWBE shall be the monetary value for fees, or the markup percentage, charged by the MWBE].

In accordance with 5 NYCRR § 142.13, the Proposer further acknowledges that if it is found to have willfully and intentionally failed to comply with the MWBE participation goals set forth in a Contract resulting from this RFP, such finding constitutes a breach of contract and BPCA may withhold payment as liquidated damages.

Such liquidated damages shall be calculated as an amount equaling the difference between: (1) all sums identified for payment to MWBEs had the Contractor achieved the contractual MWBE goals; and (2) all sums actually paid to MWBEs for work performed or materials supplied under the Contract.

By submitting a bid or proposal, a Proposer agrees to demonstrate its good faith efforts to achieve the applicable MWBE participation goals by submitting evidence thereof through the New York State Contract System (“NYSCS”), which can be viewed at [www.ny.newnycontracts.com](http://www.ny.newnycontracts.com), provided, however, that a Proposer may arrange to provide such evidence via a non-electronic method by contacting Justin McLaughlin-Williams at [justin.mclaughlin-](mailto:justin.mclaughlin-)

[williams@bpca.ny.gov](mailto:williams@bpca.ny.gov) or 212-417-2337, or such other individual as may be designated in writing by BPCA. Please note that the NYSCS is a one-stop solution for all of your MBE/WBE and Article 15-A contract requirements. For additional information on the use of the NYSCS to meet the Proposer's MBE/WBE requirements, please see the attached MBE/WBE guidance from the New York State Division of Minority and Women's Business Development, "Your MWBE Utilization and Reporting Responsibilities Under Article 15-A."

Additionally, a Proposer will be required to submit the following documents and information as evidence of compliance with the foregoing:

- A. An MWBE Utilization Plan with their bid or proposal. Any modifications or changes to an accepted MWBE Utilization Plan after the Contract award and during the term of the Contract must be reported on a revised MWBE Utilization Plan and submitted to BPCA for review and approval.
- B. BPCA will review the submitted MWBE Utilization Plan and advise the Proposer of BPCA acceptance or issue a notice of deficiency within 30 days of receipt.
- C. If a notice of deficiency is issued, the Proposer will be required to respond to the notice of deficiency within seven (7) business days of receipt by submitting to Justin McLaughlin-Williams at [justin.mclaughlin-williams@bpca.ny.gov](mailto:justin.mclaughlin-williams@bpca.ny.gov), or such other individual as may be designated in writing by BPCA, a written remedy in response to the notice of deficiency. If the written remedy that is submitted is not timely or is found by BPCA to be inadequate, BPCA shall notify the Proposer and direct the Proposer to submit, within five (5) business days, a request for a partial or total waiver of MWBE participation goals. Failure to file the waiver form in a timely manner may be grounds for disqualification of the bid or proposal.
- D. BPCA may disqualify a Proposer as being non-responsive under the following circumstances:
  - 1) If a Proposer fails to submit an MWBE Utilization Plan;
  - 2) If a Proposer fails to submit a written remedy to a notice of deficiency;
  - 3) If a Proposer fails to submit a request for waiver; or
  - 4) If BPCA determines that the Proposer has failed to document good faith efforts.

The successful Proposer will be required to attempt to utilize, in good faith, any MBE or WBE identified within its MWBE Utilization Plan, during the performance of the Contract. Requests for a partial or total waiver of established goal requirements made subsequent to Contract Award may be made at any time during the term of the Contract to BPCA, but must be made no later than prior to the submission of a request for final payment on the Contract.

The successful Proposer will be required to submit a quarterly M/WBE Contractor Compliance & Payment Report to BPCA, by the 10<sup>th</sup> day following each end of quarter over the term of the Contract documenting the progress made toward achievement of the MWBE goals of the Contract.

### **Business Participation Opportunities for SDVOBs**

For purposes of this solicitation, BPCA hereby establishes an overall goal of **6%** for SDVOB participation. A Proposer must document good faith efforts to provide meaningful participation by SDVOBs as subcontractors or suppliers in the performance of the Contract and Proposer agrees that BPCA may withhold payment pending receipt of the required SDVOB documentation. The directory of New York State Certified SDVOBs can be viewed at: [http://www.ogs.ny.gov/Core/docs/CertifiedNYS\\_SDVOB.pdf](http://www.ogs.ny.gov/Core/docs/CertifiedNYS_SDVOB.pdf). For guidance on how BPCA will determine a Contractor's "good faith efforts," refer to 9 NYCRR §252.2(f)(2). In accordance with 9 NYCRR §252.2(s), the Proposer acknowledges that if it is found to have willfully and intentionally failed to comply with the SDVOB

participation goals set forth in the Contract, such finding constitutes a breach of Contract and Contractor shall be liable for damages as specified in the Contract.

Such damages shall be calculated based on the actual cost incurred by BPCA related to BPCA's expenses for personnel, supplies and overhead related to establishing, monitoring and reviewing certified SDVOB programmatic goals.

- A. Additionally, a Proposer agrees to submit a Utilization Plan with their bid or Proposal as evidence of compliance with the foregoing. Any modifications or changes to the Utilization Plan after the Contract award and during the term of the Contract must be reported on a revised Utilization Plan and submitted to BPCA.
- B. BPCA will review the submitted Utilization Plan and advise the Proposer of BPCA's acceptance or issue a notice of deficiency within 30 days of receipt.
- C. If a notice of deficiency is issued, Proposer agrees that it shall respond to the notice of deficiency within seven (7) business days of receipt by submitting to Justin McLaughlin-Williams at [justin.mclaughlin-williams@bpca.ny.gov](mailto:justin.mclaughlin-williams@bpca.ny.gov), or such other individual as may be designated in writing by BPCA, a written remedy in response to the notice of deficiency. If the written remedy that is submitted is not timely or is found by BPCA to be inadequate, BPCA shall notify the Proposer and direct the Proposer to submit, within five (5) business days, a request for a partial or total waiver of SDVOB participation goals. Failure to file the waiver form in a timely manner may be grounds for disqualification of the bid or Proposal.
- D. BPCA may disqualify a Proposer as being non-responsive under the following circumstances:
  - 1) If a Proposer fails to submit a Utilization Plan;
  - 2) If a Proposer fails to submit a written remedy to a notice of deficiency;
  - 3) If a Proposer fails to submit a request for waiver; or
  - 4) If BPCA determines that the Proposer has failed to document good faith efforts.

The successful Proposer shall attempt to utilize, in good faith, any SDVOB identified within its Utilization Plan, during the performance of the Contract. Requests for a partial or total waiver of established goal requirements made subsequent to the Contract award may be made at any time during the term of the Contract to BPCA, but must be made no later than prior to the submission of a request for final payment on the Contract.

The successful Proposer is required to submit a Contractor's SDVOB Contractor Compliance & Payment Report to BPCA on a monthly basis over the term of the Contract documenting the progress made toward achievement of the SDVOB goals of the Contract.

### **Equal Employment Opportunity (EEO) Requirements**

By submission of a bid or proposal in response to this solicitation, the Proposer agrees with all of the terms and conditions of the attached MWBE Equal Employment Opportunity Policy Statement. The Proposer is required to ensure that it and any subcontractors awarded a subcontract for the construction, demolition, replacement, major repair, renovation, planning or design of real property and improvements thereon (the "Work"), except where the Work is for the beneficial use of the Proposer, undertake or continue programs to ensure that minority group members and women are afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability or marital status. For these purposes, equal opportunity shall apply in the areas of recruitment, employment, job assignment, promotion, upgrading, demotion, transfer, layoff, termination, and rates of pay or other forms of compensation. This requirement does not apply to: (i) work, goods, or services unrelated to the Contract; or (ii) employment outside New York State.

The Proposer will be required to submit a Minority and Women-owned Business Enterprise and Equal Employment Opportunity Policy Statement, Form # 4, to BPCA with its bid or proposal.

If awarded a Contract, Proposer shall submit a Workforce Utilization Report and shall require each of its Subcontractors to submit a Workforce Utilization Report, in such format as shall be required by BPCA on a monthly basis during the term of the Contract.

Pursuant to Executive Order #162, contractors and subcontractors will also be required to report the gross wages paid to each of their employees for the work performed by such employees on the contract utilizing the Workforce Utilization Report on a quarterly basis.

Further, pursuant to Article 15 of the Executive Law (the "Human Rights Law"), all other State and Federal statutory and constitutional non-discrimination provisions, the Contractor and sub-contractors will not discriminate against any employee or applicant for employment because of race, creed (religion), color, sex, national origin, sexual orientation, military status, age, disability, predisposing genetic characteristic, marital status or domestic violence victim status, and shall also follow the requirements of the Human Rights Law with regard to non-discrimination on the basis of prior criminal conviction and prior arrest.

**Please Note: Failure to comply with the foregoing requirements may result in a finding of non-responsiveness, non-responsibility and/or a breach of the Contract, leading to the withholding of funds, suspension or termination of the Contract or such other actions or enforcement proceedings as allowed by the Contract.**



## **Your MBE/WBE Utilization and Reporting Responsibilities Under Article 15-A**

The New York State Contract System (“NYSCS”) is your one stop tool compliance with New York State’s MBE/WBE Program. It is also the platform New York State uses to monitor state contracts and MBE/WBE participation.

### **GETTING STARTED**

To access the system, please login or create a user name and password at [www.ny.newnycontracts.com/FrontEnd/VendorSearchPublic.asp?TN=ny&XID=7562](http://www.ny.newnycontracts.com/FrontEnd/VendorSearchPublic.asp?TN=ny&XID=7562). If you are uncertain whether you already have an account set up or still need to register, please send an email to the customer service contact listed on the Contact Us & Support page, or reach out **Justin McLaughlin-Williams** at [justin.mclaughlin-williams@bpca.ny.gov](mailto:justin.mclaughlin-williams@bpca.ny.gov) or 212-417-2337, or to such other individual as may be designated in writing by BPCA. For verification, in the email, include your business name and contact information.

### **VENDOR RESPONSIBILITIES**

As a vendor conducting business with New York State, you have a responsibility to utilize minority- and/or women-owned businesses in the execution of your contracts, per the MBE/WBE percentage goals stated in your solicitation, incentive proposal or contract documents. NYSCS is the tool that New York State uses to monitor MBE/WBE participation in state contracting. Through the NYSCS you will submit utilization plans, request subcontractors, record payments to subcontractors, and communicate with your project manager throughout the life of your awarded contracts.

There are several reference materials available to assist you in this process, but to access them, you need to first be registered within the NYSCS. Once you log onto the website, click on the **Help & Support** >> link on the lower left hand corner of the Menu Bar to find recorded trainings and manuals on all features of the NYSCS. You may also click on the **Help & Tools** icon at the top right of your screen to find videos tailored to primes and subcontractors. There are also opportunities available to join live trainings, read up on the “Knowledge Base” through the Forum link, and submit feedback to help improve future enhancements to the system. Technical assistance is always available through the **Contact Us & Support** link on the NYSCS website ([www.ny.newnycontracts.com/FrontEnd/VendorSearchPublic.asp?TN=ny&XID=7562](http://www.ny.newnycontracts.com/FrontEnd/VendorSearchPublic.asp?TN=ny&XID=7562)).

For more information, contact **Justin McLaughlin-Williams** at [justin.mclaughlin-williams@bpca.ny.gov](mailto:justin.mclaughlin-williams@bpca.ny.gov) or 212-417-2337.

## MINORITY AND WOMEN-OWNED BUSINESS ENTERPRISES

### EQUAL EMPLOYMENT OPPORTUNITY (EEO) POLICY STATEMENT

#### MBE/WBE AND EEO POLICY STATEMENT

I, \_\_\_\_\_ (the "Contractor"), agree to adopt the following policies with respect to the project being developed at, or services rendered to, the Battery Park City Authority ("BPCA").

##### **MBE/WBE**

This organization will and will cause its contractors and subcontractors to take good faith actions to achieve the MBE/WBE contract participations goals set by the State for that area in which the State-funded project is located, by taking the following steps:

- (1) Actively and affirmatively soliciting bids for contracts and subcontracts from qualified State certified MBEs or WBEs, including solicitations to MBE/WBE contractor associations.
- (2) Requesting a list of State-certified MBEs/WBEs from BPCA and soliciting bids from these MBEs/WBEs directly.
- (3) Ensuring that plans, specifications, request for proposals and other documents used to secure bids will be made available in sufficient time for review by prospective MBEs/WBEs.
- (4) Where feasible, dividing the work into smaller portions to enhance participations by MBEs/WBEs and encourage the formation of joint venture and other partnerships among MBE/WBE contractors to enhance their participation.
- (5) Documenting and maintaining records of bid solicitation, including those to MBEs/WBEs and the results thereof. The Contractor will also maintain records of actions that its subcontractors have taken toward meeting MBE/WBE contract participation goals.
- (6) Ensuring that progress payments to MBEs/WBEs are made on a timely basis so that undue financial hardship is avoided, and that bonding and other credit requirements are waived or appropriate alternatives are developed to encourage MBE/WBE participation.

##### **EEO**

- (a) This organization will not discriminate against any employee or applicant for employment because of race, creed, color, national origin, sex, age, disability or marital status, will undertake or continue existing diversity programs to ensure that minority group members are afforded equal employment opportunities without discrimination, and shall make and document its conscientious and active efforts to employ and utilize minority group members and women in its work force on State contracts.
- (b) This organization shall state in all solicitation or advertisements for employees that in the performance of the State contract all qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex disability or marital status.
- (c) At the request of BPCA, this organization shall request that each employment agency, labor union, or authorized representative will not discriminate on the basis of race, creed, color, national origin, sex, age, disability or marital status and that such union or representative will affirmatively cooperate in the implementation of this organization's obligations herein.
- (d) The Contractor shall comply with the provisions of the Human Rights Law, all other State and Federal statutory and constitutional non-discrimination provisions. The Contractor and subcontractors shall not discriminate against any employee or applicant for employment because of race, creed (religion), color, sex, national origin, sexual orientation, military status, age, disability, predisposing genetic characteristic, marital status or domestic violence victim status, and shall also follow the requirements of the Human Rights Law with regard to non-discrimination on the basis of prior criminal conviction and prior arrest.
- (e) This organization will include the provisions of sections (a) through (d) of this agreement in every subcontract in such a manner that the requirements of the subdivisions will be binding upon each subcontractor as to work in connection with the State contract.

Agreed to this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

By \_\_\_\_\_

Print: \_\_\_\_\_ Title: \_\_\_\_\_

\_\_\_\_\_ is designated as the Consultant's Minority Business Enterprise Liaison responsible for administering the Minority and Women-Owned Business Enterprises - Equal Employment Opportunity (MBE/WBE - EEO) program.

**MBE/WBE Contract Goals**

**30% Minority and Women's Business Enterprise Participation**

\_\_\_\_% Minority Business Enterprise Participation

\_\_\_\_% Women's Business Enterprise Participation

**EEO Contract Goals** (if applicable)

\_\_\_\_% Minority Labor Force Participation

\_\_\_\_% Female Labor Force Participation

\_\_\_\_\_  
(Authorized Representative)

Title: \_\_\_\_\_

Date: \_\_\_\_\_

### **Diversity Practices Questionnaire**

I, \_\_\_\_\_, as \_\_\_\_\_ (title) of \_\_\_\_\_ company (the “Company”), swear and/or affirm under penalty of perjury that the answers submitted to the following questions are complete and accurate to the best of my knowledge:

1. Does your Company have a Chief Diversity Officer or other individual who is tasked with supplier diversity initiatives? Yes or No

If Yes, provide the name, title, description of duties, and evidence of initiatives performed by this individual or individuals.

2. What percentage of your Company’s gross revenues (from your prior fiscal year) was paid to New York State certified MBEs/WBEs as subcontractors, suppliers, joint-ventures, partners or other similar arrangement for the provision of goods or services to your Company’s clients or customers?

3. What percentage of your Company’s overhead (i.e. those expenditures that are not directly related to the provision of goods or services to your Company’s clients or customers) or non-contract-related expenses (from your prior fiscal year) was paid to New York State certified MBEs/WBEs as suppliers/contractors?<sup>1</sup>

4. Does your Company provide technical training<sup>2</sup> to MBEs/WBEs? Yes or No

If Yes, provide a description of such training which should include, but not be limited to, the date the program was initiated, the names and the number of MBEs/WBEs participating in such training, the number of years such training has been offered and the number of hours per year for which such training occurs.

5. Is your Company participating in a government approved M/WBE mentor-protégé program?

If Yes, identify the governmental mentoring program in which your Company participates and provide evidence demonstrating the extent of your Company’s commitment to the governmental mentoring program.

6. Does your Company include specific quantitative goals for the utilization of MBEs/WBEs in its non-government procurements? Yes or No

If Yes, provide a description of such non-government procurements (including time period, goal, scope and dollar amount) and indicate the percentage of the goals that were attained.

7. Does your Company have a formal M/WBE supplier diversity program? Yes or No

If Yes, provide documentation of program activities and a copy of policy or program materials.

8. Does your Company plan to enter into partnering or subcontracting agreements with New York State certified MBEs/WBEs if selected as the successful Proposer? Yes or No

If Yes, complete the attached Utilization Plan.

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<sup>1</sup> Do not include onsite project overhead.

<sup>2</sup> Technical training is the process of teaching employees how to more accurately and thoroughly perform the technical components of their jobs. Training can include technology applications, products, sales and service tactics, and more. Technical skills are job-specific as opposed to soft skills, which are transferable.



All information provided in connection with the Diversity Practices Questionnaire is subject to audit and any fraudulent statements are subject to criminal prosecution and debarment.

Signature of  
Owner/Official  
Printed Name of  
Signatory  
Title

---

---

---

Name of Business

---

Address

---

City, State, Zip

---

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_ ) ss:

On the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned, a Notary Public in and for the State of \_\_\_\_\_, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to this certification and said person executed this instrument.

\_\_\_\_\_  
Notary Public

**EXHIBIT C**

(BPCA Standard Form of Contract)

[NO FURTHER TEXT ON THIS PAGE]

CONSULTANT AGREEMENT

between

HUGH L. CAREY BATTERY PARK CITY AUTHORITY

and

[CONSULTANT]

Dated as of \_\_\_\_\_

Contract No. [CONTRACT #]

([PROJECT NAME])

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EXHIBIT A - SCOPE OF WORK

EXHIBIT B - RATES **[if applicable]**

EXHIBIT C - FORM OF TIME SHEET **[if applicable]**

EXHIBIT D - MBWE AND EEO POLICY STATEMENT

## CONSULTANT AGREEMENT

AGREEMENT (the “Agreement”) made as of \_\_\_\_\_ by and between BATTERY PARK CITY AUTHORITY d/b/a HUGH L. CAREY BATTERY PARK CITY AUTHORITY, (the “Owner”), a body corporate and politic, constituting a public benefit corporation, having a place of business at 200 Liberty Street, 24<sup>th</sup> Floor, New York, New York 10281, and [COMPANY], formed under the laws of the State of [INCORP. STATE], having an office at [CITY, STATE AND ZIP] (the “Consultant”).

### W I T N E S S E T H:

WHEREAS, Owner has fee title to certain real property located in the City, County and State of New York, generally known as Battery Park City; and

WHEREAS, Owner has developed Battery Park City, in individual parcels, with the goal of creating a richly diversified mixed use community providing residential and commercial space with related amenities such as parks, plazas, recreational areas and a waterfront esplanade; and

WHEREAS, Owner intends to retain the services of Consultant to perform [describe services to be performed] (the “Project”), and Consultant desires to perform such services for Owner.

NOW, THEREFORE, in consideration of the mutual promises herein contained, the parties hereby agree as follows:

#### **1. Scope of Work**

Consultant shall perform the services described in the Scope of Work attached hereto as Exhibit A (the “Work”). All Work shall be completed in accordance with the requirements furnished to Consultant by Owner, and shall be completed to Owner’s satisfaction.

#### **2. Time for Performance**

Consultant shall perform the Work as expeditiously as is consistent with professional skill and the orderly progress of the Work, and in accordance with any schedule set forth in the attached Scope of Work. If a schedule approved by Owner is incorporated into this Agreement, said schedule shall not be exceeded by Consultant, except for reasonable cause. The term of this Agreement shall begin [DATE TERM BEGINS] (the “Commencement Date”) and shall terminate not later than [DATE TERM ENDS] (the “Expiration Date”) (such period from the Commencement Date to the Expiration Date is referred to herein as the “Term”) unless this Agreement is otherwise terminated as hereinafter provided. Consultant shall complete the Scope of Work on or before [DATE], unless the time for performance of the Work is extended by written agreement of Consultant and Owner.

#### **3. Compensation**

(a) Owner shall pay, and Consultant agrees to accept as full compensation for all Work performed under this Agreement, the not-to-exceed amount of [\$\$\$\$\$] (the “Fee”), paid in

accordance with the rates (the “Rates”) attached hereto as Exhibit B. The Fee includes any and all reimbursable expenses, which shall not exceed [\$\$\$\$\$] (the “Reimbursable Amount”), incurred by Consultant in performing the Work.

(b) Any reimbursable expenses shall be paid in accordance with Owner’s standard policies for reasonable expenses actually incurred by Consultant in connection with the performance of the Work. Consultant shall submit copies of receipts or other supporting documentation for any qualifying expenses incurred.

(c) Consultant shall submit monthly requests for payment to Owner that shall:

(i) include the name, address, and telephone number of Consultant;

(ii) be accompanied by time sheets, in substantially the form provided in Exhibit C (“Form of Time Sheet”), attached hereto and made part hereof, containing a description of the work performed and indicating hours worked in each billing category; and

(iii) reference the project for which services were rendered.

(d) Owner shall pay Consultant no later than the 30<sup>th</sup> calendar day (excluding holidays) following Owner’s receipt of a Proper Invoice (pursuant to, and as such term is defined in Owner’s Prompt Payment Policy, a copy of which can be found at <http://bpca.ny.gov/wp-content/uploads/2018/01/BPCA-Prompt-Payment-Policy-Fiscal-Year-2017.pdf>). Any item(s) of Work indicated in any Exhibit hereto as attributable to a specific phase of the Work that is not performed during the specified phase shall not be compensated by Owner, but payment for any such items of Work shall remain available to Consultant if, with Owner’s advance approval, such Work is actually performed during a subsequent phase of the Work, subject to the provisions of this Article 3 and Owner’s approval of any request for payment. Owner may withhold from any payment an amount equal to any costs or damages incurred by Owner as a result of Consultant’s negligence or breach of this Agreement.

(e) All requests for payment should be addressed as follows:

Office of the Treasurer  
Battery Park City Authority  
d/b/a Hugh L. Carey Battery Park City Authority  
200 Liberty Street, 24<sup>th</sup> Floor  
New York, NY 10281-1097  
Attn.: Accounts Payable

A duplicate copy is to be sent to the attention of [**PROJECT MANAGER, TITLE**].

#### **4. Increase and Decrease in the Scope of Consultant’s Work**

Owner shall have the right to make changes to, increase or reduce the scope of Work, or extend the Term or any date set forth in the schedule referenced in Section 2 *supra*, at any time and for any reason, upon written notice to Consultant specifying the nature and extent of such changes. If Consultant believes that any work it has been directed to perform by Owner is beyond

the scope of Work set forth in this Agreement and constitutes extra work, Consultant shall so notify Owner within ten (10) business days. Owner shall determine whether or not such work is in fact beyond the scope of the Work and is considered extra work. If Owner determines that such work constitutes extra work to Consultant or any Subconsultant (as defined in Section 25 of this Agreement), Owner will pay Consultant any additional reimbursable expenses approved pursuant to Owner's policy for reimbursable expenses, and such additional compensation only as mutually agreed in writing by Owner and Consultant at the time of such change.

## **5. Consultant Cooperation**

(a) Consultant shall work with such firms or individuals as Owner shall designate from time to time in connection with the Work, and agrees to meet with such firms or individuals at such times as Owner may require in order to maintain an ongoing review process so as to expedite determinations and approvals required to be made in connection with the Work.

(b) Consultant shall render any assistance that Owner may require with respect to any claim or action arising from or in any way relating to Consultant's services during or subsequent to the Term of this Agreement, including, but not limited to, review of claims, preparation of technical reports and participation in negotiations, both before and after Consultant has completed performance of the Work under this Agreement and without any additional compensation therefor.

## **6. Termination**

(a) *Termination for Convenience.* Owner, at any time, may terminate this Agreement in whole or in part. Any such termination shall be effected by mailing or delivering to Consultant a written notice of termination specifying the extent to which performance of the Work under this Agreement is terminated and the date upon which such termination becomes effective. Upon receipt of the notice of termination, Consultant shall act promptly to minimize any expenses resulting from said termination. Owner shall pay Consultant the costs actually incurred by Consultant, including any Fee for Work actually and satisfactorily performed up to the effective date of the termination, but in no event shall Consultant be entitled to compensation in excess of the total consideration of this Agreement. In the event of such a termination, Owner may take over the Work and prosecute same to completion by contract or otherwise, and may take possession of and utilize such work product, materials, appliances, and plant as may be on the site and necessary or useful to complete the Work. Except as otherwise provided herein, all of Owner's liability hereunder shall cease and terminate as of the effective date specified in such notice of termination.

(b) *Termination for Cause.* Owner may terminate this Agreement for cause if:

(i) Consultant shall fail to diligently, timely and expeditiously perform any of its obligations as set forth in the Agreement;

(ii) Any representation or warranty made or deemed to have been made under this Agreement by Consultant shall prove to be untrue in any material respect;

(iii) Consultant shall make a general assignment for the benefit of its creditors, or a receiver or trustee shall have been appointed on account of Consultant's insolvency, or Consultant otherwise shall be or become insolvent, or an order for relief shall have been entered



against Consultant under Chapter 7 or Chapter 11 of Title 11 of the United States Code;

(iv) a breach of any covenant or agreement contained in Section 16 of this Agreement or any other section of this Agreement shall occur; or

(v) Consultant otherwise shall be in default hereunder;

by serving written notice upon Consultant of Owner's intention to terminate this Agreement. Such notice shall state: (1) the reason(s) for Owner's intention to terminate the Agreement, and (2) the effective date of termination, to be not less than three (3) calendar days after the date of the notice of termination. If Consultant shall fail to cure the reason(s) for termination or make arrangements satisfactory to Owner on or before the effective date of termination, this Agreement shall terminate on the date specified by Owner in the notice of termination. In the event of any such termination, Owner may take over the Work and prosecute same to completion by contract or otherwise, for the account and at the expense of Consultant, and Consultant shall be liable to Owner for all costs incurred by Owner by reason of said termination. In the event of such termination, Owner may take possession of and utilize such work product, materials, appliances, and plant as may be on the site and necessary or useful to complete the Work. Upon Owner's completion of the Work following a termination for cause, Consultant shall be entitled to such amount of the Fee that has not theretofore been paid to Consultant and that shall compensate Consultant for all Work actually and satisfactorily performed by it up to the date of termination, provided, however, that Owner shall deduct from any amount all additional costs and expenses that Owner may incur over those which Owner would have incurred in connection with the Work if Owner had not so terminated this Agreement for cause. Nothing contained in this Agreement shall limit in any manner any and all rights or remedies otherwise available to Owner by reason of a default by Consultant under this Agreement, including, without limitation, the right to seek full reimbursement from Consultant for all costs and expenses incurred by Owner by reasons of Consultant's default hereunder and which Owner would not have otherwise incurred if Consultant had not defaulted hereunder.

(c) Upon any termination of this Agreement in accordance with the provisions of this Section 6, Consultant shall, with respect to the Work which is the subject of such termination:

(i) discontinue all its services from and after the date of the notice of termination, except to attempt to cure any reason(s) for termination or as may be required to complete any item or portion or services to a point where discontinuance will not cause unnecessary waste of duplicative work or cost;

(ii) cancel, or if so directed by Owner, transfer to Owner all commitments and agreements made by Consultant relating to the Work, to the extent same are cancelable or transferable by Consultant;

(iii) transfer to Owner in the manner, to the extent, and at the time directed by Owner, all work product, supplies, materials and other property produced as a part of, or acquired in the performance of the Work; and

(iv) take other actions as Owner may reasonably direct.

(d) In the event that Consultant, having been terminated, thereafter obtains a

determination, in a judicial or other action or proceeding, that such termination was unwarranted, without basis, or invalid for any reason, then the termination shall be deemed to have been one for the convenience of Owner and Consultant shall be entitled to be reimbursed and paid as provided in Subsection 6(b) but to no other payments or damages.

## **7. Suspension**

Owner may, at any time and for any reason, order Consultant in writing to suspend, delay or interrupt performance of all or any part of the Work for a reasonable period of time as the Owner may determine. Upon receipt of a suspension order, Consultant shall, as soon as practicable, cease performance of the Work as ordered and take immediate affirmative measures to protect such Work from loss or damage. Consultant specifically agrees that such suspension, delay or interruption of the performance of Work pursuant to this Section 7 shall not increase the cost of performance of the Work of this Agreement. Owner may extend the Term or any date set forth in schedule referenced in Section 2 *supra*, to compensate Consultant for lost time due to suspension, delay or interruption, and such time extension shall be Consultant's sole compensation for same. Consultant shall resume performance of such Work upon the date ordered by Owner.

## **8. Assignment**

Consultant shall not assign the Agreement in whole or in part without Owner's prior written consent; however, Owner may assign the Agreement in whole or in part without Consultant's prior written consent.

## **9. Ownership of Documents**

(a) All material specifically prepared for the Project and excluding any intellectual property already owned by Consultant that is furnished by Consultant or any Subconsultants (including but not limited to all film, video, or digital assets, Hypertext Markup Language ("HTML") files, JavaScript files, flash files, etc.) in connection with the Work shall be deemed Works Made for Hire and become the sole property of Owner. Consultant shall provide a tangible copy of the Work to Owner in any form(s) to be specified by Owner. Such materials may be used by Owner, in whole or in part, or in modified form, for any and all purposes Owner may deem desirable without further employment of, or payment of any additional compensation to Consultant. Consultant hereby acknowledges that whatever participation Consultant has, or will have, in connection with any copyrightable subject matter that is the subject of the Work is and shall be deemed Work Made for Hire on behalf of the Owner and that the Owner shall be the sole owner of the Work, and all underlying rights therein, worldwide and in perpetuity. In the event that the Work, or any portion thereof, does not qualify or is deemed not to be Work Made for Hire, Consultant hereby irrevocably transfers and assigns to the Owner all of Consultant's right, title and interest, throughout the world, in and to the Work, including, without limitation, all of Consultant's right, title and interest in the copyrights to the Work, including the unrestricted right to make modifications, adaptations and revisions to the Work and hereby waives any so-called "moral rights" with respect to the Work. Consultant grants to Owner a royalty free, worldwide perpetual, irrevocable, nonexclusive license to reproduce, modify, and publicly display the Work.

(b) Any plans, drawings, or specifications prepared by or on behalf of Consultant for

the Project shall become property of Owner, and Consultant may not use same for any purpose not relating to the Project without Owner's prior written consent. Consultant may retain such reproductions of plans, drawings or specifications as Consultant may reasonably require. Upon completion of the Work or the termination of this Agreement, Consultant shall promptly furnish Owner with a complete set of original record prints. All such original materials shall become property of Owner who may use them, without Consultant's permission, for any proper purpose including but not limited to additions or completion of the Project.

## **10. Insurance**

(a) Consultant shall procure and maintain all of the insurance required under this Section 10 during the Term of this Agreement, except with respect to Completed Operations coverage, as described in Section 10(g) below.

(b) Consultant shall not commence performance of the Work until Consultant has obtained, and required each Subconsultant to obtain, all the insurance required under this Section 10 and until it has furnished to Owner the certificate or certificates of insurance required by Section 10(c) hereof.

(c) Consultant shall furnish to Owner, before or upon execution of this Agreement, attention: **[name]**, a certificate or certificates of the insurance required under this Section 10 and, upon Owner's request, certified copies of the original policies of insurance, within the time period required by Owner and before commencing performance of the Work. Such certificate or certificates shall be in form satisfactory to Owner, shall list the various coverages and shall contain, in addition to any other provisions required hereby, a provision that the policy shall not be changed, canceled or reduced and that it shall be automatically renewed upon expiration and continued in force until two years after the Work is completed unless Owner is given 90 days' written notice to the contrary. Such certificates shall also include riders providing that violation of any of the terms of any policy shall not by itself invalidate such policy. Such policies and certificates must name as additional insureds Owner, Battery Park City Parks Conservancy Corporation ("BPCPC") and the State of New York.

(d) All insurance required to be procured and maintained must be procured from insurance companies that have a financial rating by A.M. Best Company as published in the most current key rating guide of A-VII or better and which are authorized to do business in the State of New York.

(e) If at any time any of the required insurance policies should be canceled, terminated or modified so that insurance is not in effect as required, then Consultant shall suspend performance of the Work. If the Work is suspended then Owner may, at Owner's option, obtain insurance affording coverage equal to that required herein and the cost of such insurance shall be payable by Consultant to Owner.

(f) All additional insured protection afforded Owner, BPCPC, and the State of New York must be on a primary and non-contributory basis and all policies must include a waiver of subrogation in favor of Owner, BPCPC, and the State of New York.

(g) Consultant and Subconsultants shall secure in a form satisfactory to Owner the following:

(i) Worker's Compensation, Employer's Liability insurance (including United States Longshoreman & Harbor Workers and Jones Act coverages) and Disability Benefits during the Term for the benefit of such employees as are required to be insured by the applicable provisions of law and voluntary compensation for employees excluded from statutory benefits.

(ii) Commercial General Liability insurance, as follows:

(A) Coverage must be written on ISO Form CG 00 001 or its equivalent and with no modification to the contractual liability coverage provided therein, and shall be provided on an occurrence basis with limits not less than:

- \$1,000,000 per occurrence
- \$2,000,000 General Aggregate, which must apply on a per project basis
- \$2,000,000 Products/Completed Operations aggregate

(B) Owner, BPCPC and the State of New York must be protected as additional insureds with coverage at least as broad as the combination of the most recent editions of ISO Forms CG 20 26 and CG 20 37 on policies held by the Consultant and any of its Subconsultants. Subconsultants may not use blanket additional insured endorsements to provide additional insured protection to Owner, BPCPC, and the State of New York "by written contract" but must use ISO Form CG 20 38 or its equivalent. The policy must provide coverage for defense and indemnification of claims and/or lawsuits, including third party actions, claims and/or lawsuits for bodily injury to the employees of Consultant or Subconsultants arising from the injured worker's employment with the Consultant or any of its Subconsultants

(C) Consultant and any of its Subconsultants must maintain Products/Completed Operations coverage for no less than three years after the Work is completed and continue to include Additional Insured protection for Owner, BPCPC & the State of New York for the prescribed timeframe and coverage shall contain, in addition to any other provisions required hereby, a provision that the policy shall not be changed, canceled or reduced. As a condition precedent to the making of final payment, Consultant shall furnish Owner with a then current certificate of insurance that confirms the Completed Operations coverage is in effect.

(D) When providing evidence of this insurance the Consultant and any of its Subconsultants must include a completed Acord 855 NY form.

(iii) Automobile Liability insurance covering the use in connection with the Work of all owned, non-owned and hired vehicles. The coverage must protect Owner, BPCPC, and the State of New York as additional insureds under such policy and shall not be less than a \$1,000,000 Combined Single Limit

(iv) Professional Liability ("Errors and Omissions") insurance must be maintained at a limit of not less than \$1,000,000 per claim.

(v) Data Breach and Privacy/Cyber Liability Insurance including coverage for

failure to protect confidential information and failure of the security of Consultant's computer systems or Owner's/BPCPC's systems due to the actions of Consultant which results in unauthorized access to Owner's and/or BPCPC's data. The limit applicable to this policy shall be no less than \$1,000,000 per occurrence, and must apply to incidents related to the cyber theft of Owner's and BPCPC's property, including but not limited to, money and securities. Owner, BPCPC, and the State of New York must be protected as additional insureds on policies held by Consultant and any of its Subconsultants.

(vi) Technology Errors and Omissions insurance with a limit of not less \$1,000,000 for damages arising from computer-related services including, but not limited to, the following:

- Consulting;
- Data processing;
- Programming;
- System integration;
- Hardware or software development;
- Installation;
- Distribution or maintenance;
- Systems analysis or design;
- Training; and
- Staffing or other support services.

The policy shall include coverage for third party fidelity including cyber theft and protect Owner, BPCPC, and the State of New York as additional insureds.

(vii) Valuable Papers insurance insuring, for the benefit of Consultant and Owner, all plans, designs, drawings, specifications, and documents used under this Agreement by Consultant in a total amount of not less than **[amount]**. Consultant may furnish full coverage under one policy, or may submit separate policies from any Subconsultant(s) for their proportionate shares of such coverage.

(viii) Comprehensive Crime/Employee Dishonesty insurance in a reasonable amount or an amount which is customary in the applicable industry, trade or profession. Coverage must extend to Third Parties.

(ix) Umbrella Liability insurance in an amount of not less than **[amount]**. Owner, BPCPC, and the State of New York must be protected as additional insureds on policies held by the Consultant and any of its Subconsultants.

(h) The insurance required under subsections 10(g)(ii) and (iii) shall provide that the insurance company or an attorney approved and retained by the insurance company shall defend any suit or proceeding against Owner or any officers, agents or employees of Owner whether or not such suit is groundless, false or fraudulent. Notwithstanding the foregoing, Owner shall have the right to engage its own attorneys for the purpose of defending any suit or proceeding against it or its respective officers, agents or employees, and, in such event, Consultant shall, indemnify Owner for all attorneys' fees and disbursements and other costs incurred by it arising out of, or incurred in connection with, any such defense.

(i) Owner, at Owner's cost and expense, may, at its sole option, procure and maintain such insurance as shall in the opinion of Owner, protect Owner from contingent liability of Owner to others for damages arising from bodily injury, including death and property damages which may arise from operations under this Agreement. The procurement and maintenance of such insurance by Owner shall not in any way be construed or be deemed to relieve Consultant from, or to be a limitation on the nature or extent of, such obligations and risk.

**11. Authority of Owner**

The Work shall be subject to the general supervision, direction, control and approval of Owner or its authorized representative(s), whose decision shall be final and binding upon Consultant as to all matters arising in connection with or relating to this Agreement. Owner shall determine all matters relative to the fulfillment of this Agreement on the part of Consultant and such determination shall be final and binding on Consultant.

**12. Entire Agreement**

This Agreement, including all Exhibits hereto, constitutes the entire Agreement between Owner and Consultant, and any prior agreements or understandings between Owner and Consultant with respect to any portion of the Work are hereby merged into and with this Agreement.

**13. Consultant as Independent Contractor**

Notwithstanding any other provision of this Agreement, Consultant's status shall be that of an independent contractor and not that of a servant, agent or employee of Owner. Accordingly, Consultant shall not hold itself out as, nor claim to be acting in the capacity of, an officer, agent, employee or servant of Owner.

**14. Maintenance, Audit and Examination of Accounts**

Consultant shall, until the earlier of six (6) years after completion of the performance of the Work or six (6) years after termination of this Agreement, maintain, and require all Subconsultants to maintain, complete and correct books and records relating to all aspects of Consultant's obligations hereunder, including without limitation, accurate cost and accounting records specifically identifying the costs incurred in performing their respective obligations, and shall make such books and records available to Owner or its authorized representatives for review and audit at all such reasonable times as Owner may request. In the event that Consultant and/or any Subconsultants shall fail to comply with the provisions of this Section 14, and as a result thereof shall be unable to provide reasonable evidence of such compliance, Owner shall not be required to pay any portion of the Fee and Reimbursable Expenses then due or next becoming due, as the case may be, with respect to such items, and if such compensation has already been paid, Owner may require Consultant to refund any such payment made. Any excessive audit costs incurred by Owner due to Consultant's or any Subconsultant's failure to maintain adequate records shall be borne by Consultant.

**15. Acceptance of Final Payment; Release and Discharge**

Final payment shall be made to Consultant upon satisfactory completion and acceptance by Owner of the Work required under this Agreement, or all Work performed prior to the termination of this Agreement if terminated pursuant to Section 6 hereof, and upon submission of a certification that all Subconsultants have been paid their full and agreed compensation. The acceptance by Consultant of the final payment under this Agreement, or any final payment due upon termination of this Agreement under Section 6 hereof, shall constitute a full and complete waiver and release of Owner from any and all claims, demands and causes of action whatsoever that Consultant, and/or its successors and assigns have, or may have, against Owner under the provisions of this Agreement, unless a detailed and verified statement of claim is served upon Owner prior to the date final payment is tendered by Owner. It is expressly understood and agreed that Owner's or Consultant's termination of this Agreement pursuant to Section 6 hereof shall not give rise to any claim against Owner for damages, compensation or otherwise as a result of such termination, and that under such circumstances Owner's liability to make payments to Consultant on account of any and all Work shall be limited to the payments set forth in Section 6 hereof.

## **16. Covenants, Representations and Warranties**

(a) Consultant represents and warrants to Owner that:

(i) no public official is directly or indirectly interested in this Agreement, or in the supplies, materials, equipment, work, labor or services to which it relates or in any of the profits thereof;

(ii) except as set forth in this Agreement, Consultant has, and shall have, no interest, direct or indirect, in the Project to which the Work relates; and

(iii) to the best of its knowledge, upon due inquiry, no officer, member, partner or employee of Consultant has, prior to the date of this Agreement, been called before a grand jury, head of a state agency, head of a city department or other city agency to testify in an investigation concerning any transaction or contract had with the State of New York, any political subdivision thereof, a public authority, or with any public department, agency or official of the State of New York or of any political subdivision thereof, and refused to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant question concerning such transaction or contract.

(b) Consultant covenants and agrees that:

(i) recognizing that time for completion of the Work is of the essence, Consultant shall perform all of its obligations hereunder in a prompt and workmanlike manner and in accordance with the time periods for the Work set forth herein;

(ii) the personnel assigned and any Subconsultant(s) used by Consultant in the performance of the Work hereunder shall be qualified in all respects for such assignment, employment and use;

(iii) Consultant, in the performance of the Work, shall utilize the most efficient available methodology and technology for the purpose of reducing the cost and time of such performance;

(iv) Consultant shall comply with the provisions of all Federal, State and local statutes, laws, rules, ordinances and regulations that are applicable to the performance of this Agreement;

(v) should any claim be made or any action be brought against the Owner that is in any way related to the Work, Consultant shall diligently render to Owner any and all assistance specified in Section 5 of this Agreement that may be required by Owner as a result thereof; and

(vi) Consultant shall not commit its personnel to, nor engage in, any other projects during the term of this Agreement to the extent that such projects may adversely affect the quality or efficiency of the Work or would otherwise be detrimental to the conduct and completion of the Work, and Consultant shall provide sufficient numbers of qualified personnel as shall be required to perform the Work in the time requested by Owner. Consultant shall comply with any reasonable request by Owner to remove and/or replace any of Consultant's personnel from the Project.

(c) The parties make mutual representations that to the best of their knowledge that any materials provided by either party for inclusion in the Work shall not infringe upon the copyright or trademark of any third party.

## **17. Indemnity**

To the fullest extent allowed by law:

(a) Consultant shall be liable to, and shall indemnify Owner, each Member, officer, agent and employee of Owner for, and shall hold each of the foregoing harmless from and against, any and all claims, losses, damages, expense, penalties, costs or other liabilities, including, without limitation, attorneys' fees, costs, disbursements and interest, arising out of the performance of the Work or Consultant's breach of this Agreement, including but not limited to any of the provisions set forth in Section 16 hereof, and Consultant agrees that it shall defend any suit or action brought against Owner or any Member, officer, agent or employees of Owner that is based on any loss or liability or alleged loss or liability indemnified herein.

(b) Consultant shall be liable to, and shall indemnify Owner and each of the Members, officers, agents and employees of Owner for, and shall hold each of the foregoing harmless from and against, any and all claims made against any of the foregoing for infringement of any copyright, trademark or patent arising out of the use of any plans, designs and specifications furnished by Consultant in the performance of this Agreement.

## **18. Confidentiality**

Consultant hereby agrees that data, recommendations, reports and other materials developed in the course of the Work are strictly confidential between Consultant and Owner and except as specifically provided herein, Consultant may not at any time reveal or disclose such data, recommendations or reports in whole or in part to any third party without first obtaining written approval from Owner.



**19. Modification**

No modification, amendment, change, termination or attempted waiver of any of the provisions of this Agreement shall be binding unless in writing and signed by the party to be bound.

**20. Waiver**

Except as otherwise provided in Section 15 of this Agreement, the parties may waive any of their rights hereunder without invalidating this Agreement or waiving any other rights hereunder, provided, however, that no waiver of, or failure to enforce or exercise any provision of this Agreement shall affect the right of any party thereafter to enforce such provisions or to exercise any right or remedy in the event of any other breach or default, whether or not similar.

**21. Severability**

If any term or provision of this Agreement or the application thereof to any person or entity, or circumstance shall, to any extent, be determined to be invalid or unenforceable, the remaining provisions of this Agreement, or the application of such terms or provisions to persons, entities or circumstances other than those as to which it is held to be invalid or unenforceable, shall in no way be affected thereby and each term or provision of this Agreement shall be valid and binding upon the parties, and enforced to the fullest extent permitted by law.

**22. New York Law/Forum Selection/Jurisdiction**

This Agreement shall be construed under, and be governed by, the laws of the State of New York. All actions or proceedings relating, directly or indirectly, to this Agreement shall be litigated only in courts located within the County of New York. Consultant, any guarantor of the performance of its obligations hereunder (“Guarantor”) and their successors and assigns hereby subject themselves to the jurisdiction of any state or federal court located within such county, waive the personal service of any process upon them in any action or proceeding therein and consent that such process be served by certified or registered mail, return receipt requested, directed to the Consultant and any successor at Consultant’s address hereinabove set forth, to Guarantor and any successor at the address set forth in the instrument of guaranty, and to any assignee at the address set forth in the instrument of assignment. Such service shall be deemed made two days after such process is so mailed.

**23. Provisions Required by Law**

Each and every provision of law and clause required by law to be included in this Agreement shall be deemed to be included herein, and this Agreement shall read and shall be enforced as though such provision(s) and/or clause(s) were so included.

**24. Notices**

Any notice, approval, consent, acceptance, request, bill, demand or statement required or permitted to be given hereunder (a “Notice”) from either party to the other shall be in writing and shall be deemed given when received by overnight mail or when deposited with the United States Postal Service in a postage prepaid envelope, certified or registered mail, addressed to the other

party at the addresses set forth above. If to Owner, Notices shall be sent to the attention of **[HEAD OF DEPARTMENT]**, with copies to the **[the General Counsel]** and if to Consultant, Notices shall be sent to the attention of **[NAME]**, **[TITLE]**. Either party may at any time change such address or add additional parties to receive a Notice by mailing, as aforesaid, to the other party a Notice thereof.

## **25. Approval and Use of Subconsultants**

(a) Except as specifically provided herein, Consultant shall not employ, contract with or use the services of any consultants, contractors or other third parties (collectively, “Subconsultants”) in connection with the performance of its obligations hereunder without the prior written consent of Owner to the use of each such Subconsultant, and to the agreement to be entered into between Consultant and any such Subconsultant. Consultant shall inform Owner in writing of any interest it may have in a proposed Subconsultant. No such consent by Owner, or employment, contract, or use by Consultant, shall relieve Consultant of any of its obligations hereunder.

(b) Consultant shall be responsible for the performance of the Work of any Subconsultants engaged, including the maintenance of schedules, coordination of their Work and resolutions of all differences between or among Consultant and any Subconsultants. It is expressly understood and agreed that any and all Subconsultants engaged by Consultant hereunder shall at all times be deemed engaged by Consultant and not by Owner.

(c) The fees of any Subconsultant retained by Consultant to perform any part of the Work required under this Agreement shall be deemed covered by the compensation stipulated in Section 3 above. Consultant shall pay its Subconsultants in full the amount due them from the proportionate share of each requisition for payment submitted by Consultant and paid by Owner. Consultant shall make payment to its Subconsultants no later than seven (7) calendar days after receipt of payment from Owner. Consultant shall indemnify, defend and hold Owner harmless with respect to any claims against Owner based upon Consultant’s alleged failure to make payments to Subconsultants for Work under this Agreement.

(d) Upon the request of Owner, Consultant shall cause any Subconsultant employed by the Consultant in connection with this Agreement to execute a copy of this Agreement, wherein such Subconsultant shall acknowledge that it has read and is fully familiar with the terms and provisions hereof and agrees to be bound thereby as such terms and provisions are or may be applicable to such Subconsultants.

## **26. Employment and Diversity**

### **26.1 *Participation by Minority and Women-Owned Business Enterprises***

#### **(a) General Provisions**

(i) Owner is required to implement the provisions of New York State Executive Law Article 15-A and Parts 140-145 of Title 5 of the New York Codes, Rules and Regulations (“NYCRR”) for all contracts, as defined therein, with a value (1) in excess of \$25,000 for labor,

services, equipment, materials, or any combination of the foregoing or (2) in excess of \$100,000 for real property renovations and construction.

(ii) Consultant agrees, in addition to any other nondiscrimination provision herein and at no additional cost to Owner, to fully comply and cooperate with Owner in the implementation of New York State Executive Law Article 15-A and the regulations promulgated thereunder. These requirements include equal employment opportunities for minority group members and women (“EEO”) and contracting opportunities for New York State-certified minority and women-owned business enterprises (“MWBEs”). Consultant’s demonstration of “good faith efforts” pursuant to 5 NYCRR § 142.8 shall be a part of these requirements. These provisions shall be deemed supplementary to, and not in lieu of, the nondiscrimination provisions required by New York State Executive Law Article 15 (the “Human Rights Law”) and other applicable federal, state, and local laws.

(iii) Failure to comply with all of the requirements herein may result in a finding of non-responsiveness, non-responsibility and/or a breach of contract, leading to the assessment of liquidated damages pursuant to Section 26.1(g) and such other remedies as are available to Owner.

(b) Contract Goals

(i) For purposes of this Contract, Owner hereby establishes an overall goal of XX% for MWBE participation, XX% for New York State-certified minority-owned business enterprise (“MBE”) participation and XX% for New York State-certified women-owned business enterprise (“WBE”) participation (collectively, “MWBE Contract Goals”) based on the current availability of MBEs and WBEs.

(ii) For purposes of providing meaningful participation by MWBEs on the Agreement and achieving the MWBE Contract Goals established in Section 26.1(b)(i) hereof, Consultant should reference the directory of MWBEs at the following internet address: <https://ny.newnycontracts.com>.

(iii) Additionally, Consultant is encouraged to contact the Division of Minority and Women’s Business Development at (212) 803-2414 to discuss additional methods of maximizing participation by MWBEs on this Agreement.

(iv) Consultant understands that only sums paid to MWBEs for the performance of a commercially useful function, as that term is defined in 5 NYCRR § 140.1, may be applied towards the achievement of the applicable MWBE participation goal. [FOR CONSTRUCTION CONTRACTS – The portion of a contract with an MWBE serving as a supplier that shall be deemed to represent the commercially useful function performed by the MWBE shall be 60% of the total value of the contract. The portion of a contract with an MWBE serving as a broker that shall be deemed to represent the commercially useful function performed by the MWBE shall be the monetary value for fees, or the markup percentage, charged by the MWBE]. [FOR ALL OTHER CONTRACTS - The portion of a contract with an MWBE serving as a broker that shall be deemed to represent the commercially useful function performed by the MWBE shall be 25% of the total value of the contract.]

(v) Consultant must document “good faith efforts,” pursuant to 5 NYCRR § 142.8, to provide meaningful participation by MWBEs as Subconsultants and suppliers in the performance of this Agreement. Such documentation shall include, but not necessarily be limited to:

- (A) Evidence of outreach to MWBEs;
- (B) Any responses by MWBEs to Consultant’s outreach;
- (C) Copies of advertisements for participation by MWBEs in appropriate general circulation, trade, and minority or women-oriented publications;
- (D) The dates of attendance at any pre-bid, pre-award, or other meetings, if any, scheduled by Owner with MWBEs; and,
- (E) Information describing specific steps undertaken by Consultant to reasonably structure the Work to maximize opportunities for MWBE participation.

(c) Equal Employment Opportunity (“EEO”)

(i) The provisions of Article 15-A of the Executive Law and the rules and regulations promulgated thereunder pertaining to equal employment opportunities for minority group members and women shall apply to this Agreement.

(ii) In performing the Agreement, Consultant shall:

(A) Ensure that each Consultant and Subconsultant performing work on the Agreement shall undertake or continue existing EEO programs to ensure that minority group members and women are afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability or marital status. For these purposes, EEO shall apply in the areas of recruitment, employment, job assignment, promotion, upgrading, demotion, transfer, layoff, or termination and rates of pay or other forms of compensation.

(B) Consultant shall submit an EEO policy statement to Owner within seventy-two (72) hours after the date of the notice by Owner to award the Agreement to Consultant.

(C) If Consultant, or any of its Subconsultants, does not have an existing EEO policy statement, Owner may require Consultant or Subconsultant to adopt a model statement (see Exhibit D – Equal Employment Opportunity Policy Statement).

(D) Consultant’s EEO policy statement shall include the following language:

(1) Consultant will not discriminate against any employee or applicant for employment because of race, creed, color, national origin, sex, age, disability, or marital status, will undertake or continue existing EEO programs to ensure that minority group members and women are afforded equal employment opportunities without discrimination, and shall make and document its conscientious and active efforts to employ and utilize minority group members and women in its work force.

(2) Consultant shall state in all solicitations or advertisements for employees that, in the performance of the contract, all qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability or marital status.

(3) Consultant shall request each employment agency, labor union, or authorized representative of workers with which it has a collective bargaining or other agreement or understanding, to furnish a written statement that such employment agency, labor union, or representative will not discriminate on the basis of race, creed, color, national origin, sex age, disability or marital status and that such union or representative will affirmatively cooperate in the implementation of Consultant's obligations herein.

(4) Consultant will include the provisions of Sections 26.1(c)(ii)(D)(1) through (3), which provides for relevant provisions of the Human Rights Law, in every subcontract in such a manner that the requirements of the subdivisions will be binding upon each Subconsultant as to the Work.

**[PLEASE NOTE THAT THIS REQUIREMENT “C” IS ONLY APPLICABLE WHERE A STATE AGENCY EXPECTS TO ENTER INTO A STATE CONTRACT WITH A TOTAL EXPENDITURE IN EXCESS OF \$250,000. NOTE: THIS LANGUAGE SHOULD BE DELETED FROM THE FINAL CONTRACT]**

(iii) Staffing Plan. To ensure compliance with this Section, Consultant shall submit a staffing plan to document the composition of the proposed workforce to be utilized in the performance of the Agreement by the specified categories listed, including ethnic background, gender, and Federal occupational categories. Consultant shall complete the staffing plan form (<https://www.ogs.ny.gov/MWBE/Docs/EEO100.docx>) and submit it as part of their bid or proposal or within a reasonable time, as directed by Owner.

**WORKFORCE UTILIZATION REPORTS SHALL BE COLLECTED ON A MONTHLY BASIS FOR CONSTRUCTION CONTRACTS AND A QUARTERLY BASIS FOR ALL OTHER CONTRACTS. NOTE: THIS LANGUAGE SHOULD BE DELETED FROM THE FINAL CONTRACT]**

(iv) Workforce Utilization Report

(A) Consultant shall submit a Workforce Utilization Report ([https://its.ny.gov/sites/default/files/documents/eeo\\_workforce\\_utilization\\_report.xlsx](https://its.ny.gov/sites/default/files/documents/eeo_workforce_utilization_report.xlsx)) and shall require each of its Subconsultants to submit a Workforce Utilization Report, in such form as shall be required by Owner on a quarterly basis during the term of this Agreement.

(B) Separate forms shall be completed by Consultant and any Subconsultants.

(C) Pursuant to Executive Order #162, Consultants and Subconsultants are also required to report the gross wages paid to each of their employees for the work performed by such employees on the contract on a quarterly basis.

(v) Consultant shall comply with the provisions of the Human Rights Law, and all other State and Federal statutory and constitutional non-discrimination provisions. Consultant and its Subconsultants shall not discriminate against any employee or applicant for employment because of race, creed (religion), color, sex, national origin, sexual orientation, military status, age, disability, predisposing genetic characteristic, marital status or domestic violence victim status, and shall also follow the requirements of the Human Rights Law with regard to non-discrimination on the basis of prior criminal conviction and prior arrest.

(d) MWBE Utilization Plan

(i) Consultant represents and warrants that Consultant has submitted an MWBE Utilization Plan, or shall submit an MWBE Utilization Plan at such time as shall be required by Owner, through the New York State Contract System (“NYSCS”), which can be viewed at <https://ny.newnycontracts.com>, provided, however, that Consultant may arrange to provide such evidence via a non-electronic method to Owner, either prior to, or at the time of, the execution of the contract.

(ii) Consultant agrees to adhere to such MWBE Utilization Plan in the performance of the Work.

(iii) Consultant further agrees that failure to submit and/or adhere to such MWBE Utilization Plan shall constitute a material breach of the terms of the Agreement. Upon the occurrence of such a material breach, Owner shall be entitled to any remedy provided herein, including but not limited to, a finding that Consultant is non-responsive.

(e) Waivers

(i) If Consultant, after making good faith efforts, is unable to achieve the MWBE Contract Goals stated herein, Consultant may submit a request for a waiver through the NYSCS, or a non-electronic method provided by Owner. Such waiver request must be supported by evidence of Consultant’s good faith efforts to achieve the maximum feasible MWBE participation towards the applicable MWBE Contract Goals. If the documentation included with the waiver request is complete, Owner shall evaluate the request and issue a written notice of approval or denial within twenty (20) business days of receipt.

(ii) If Owner, upon review of the MWBE Utilization Plan, quarterly MWBE Consultant Compliance Reports described in Section 26.1(c)(iv)(C), or any other relevant information, determines that Consultant is failing or refusing to comply with the MWBE Contract Goals, and no waiver has been issued in regards to such non-compliance, Owner may issue a notice of deficiency to Consultant. Consultant must respond to the notice of deficiency within seven (7) business days of receipt. Such response may include a request for partial or total waiver of MWBE Contract Goals.

(f) Consultant is required to submit a quarterly MWBE Consultant Compliance Report through the NYSCS, provided, however, that Consultant may arrange to provide such report via a non-electronic method to Owner by the 10<sup>th</sup> day following the end of each quarter during the term of the Agreement.

(g) Liquidated Damages - MWBE Participation

(i) Where Owner determines that Consultant is not in compliance with the requirements of this Section 26.1 and Consultant refuses to comply with such requirements, or if Consultant is found to have willfully and intentionally failed to comply with the MWBE participation goals, Consultant shall be obligated to pay to Owner liquidated damages.

(ii) Such liquidated damages shall be calculated as an amount equaling the difference between:

(A) All sums identified for payment to MWBEs had Consultant achieved the contractual MWBE goals; and

(B) All sums actually paid to MWBEs for work performed or materials supplied under the Agreement.

(iii) In the event a determination has been made which requires the payment of liquidated damages and such identified sums have not been withheld by Owner, Consultant shall pay such liquidated damages to Owner within sixty (60) days after they are assessed. Provided, however, that if Consultant has filed a complaint with the Director of the Division of Minority and Women's Business Development pursuant to 5 NYCRR § 142.12, liquidated damages shall be payable only in the event of a determination adverse to Consultant following the complaint process.

26.2 *Participation by Service-Disabled Veteran-Owned Businesses*

(a) General Provisions

Article 17-B of the New York State Executive Law provides for more meaningful participation in public procurement by New York State-certified Service-Disabled Veteran-Owned Businesses ("SDVOB"), thereby further integrating such businesses into New York State's economy. Owner recognizes the need to promote the employment of service-disabled veterans and to ensure that certified service-disabled veteran-owned businesses have opportunities for maximum feasible participation in the performance of Owner contracts.

In recognition of the service and sacrifices made by service-disabled veterans and in recognition of their economic activity in doing business in New York State, Consultants are expected to consider SDVOBs in the fulfillment of the requirements of the Agreement. Such participation may be as Subconsultants or suppliers, as protégés, or in other partnering or supporting roles.

(b) Contract Goals

(i) Owner hereby establishes an overall goal of \_\_\_% for SDVOB participation, based on the current availability of qualified SDVOBs. For purposes of providing meaningful participation by SDVOBs, the Consultant should reference the directory of New York State Certified SDVOBs found at: [http://ogs.ny.gov/Core/docs/CertifiedNYS\\_SDVOB.pdf](http://ogs.ny.gov/Core/docs/CertifiedNYS_SDVOB.pdf). Questions regarding compliance with SDVOB participation goals should be directed to Shinay Stewart at

shinay.stewart@bpca.ny.gov or (212) 336-9353. Additionally, following execution of this Agreement, Consultant is encouraged to contact the Office of General Services' Division of Service-Disabled Veterans' Business Development at 518-474-2015 or VeteransDevelopment@ogs.ny.gov to discuss additional methods of maximizing participation by SDVOBs on the Agreement.

(ii) Consultant must document "good faith efforts" to provide meaningful participation by SDVOBs as subcontractors or suppliers in the performance of the Contract (see Section 26.2(d) below).

(c) SDVOB Utilization Plan

(i) In accordance with 9 NYCRR § 252.2(i), Consultants are required to submit a completed SDVOB Utilization Plan on Form SDVOB 100 ([https://ogs.ny.gov/Veterans/Docs/2016/SDVOB\\_100\\_Utilization\\_Plan.docx](https://ogs.ny.gov/Veterans/Docs/2016/SDVOB_100_Utilization_Plan.docx)) with their bid.

(ii) The Utilization Plan shall list the SDVOBs that Consultant intends to use to perform the Work, a description of the Work that Consultant intends the SDVOB to perform to meet the goals on the Agreement, the estimated dollar amounts to be paid to an SDVOB, or, if not known, an estimate of the percentage of Work the SDVOB will perform. By signing the Utilization Plan, Consultant acknowledges that making false representations or providing information that shows a lack of good faith as part of, or in conjunction with, the submission of a Utilization Plan is prohibited by law and may result in penalties including, but not limited to, termination of a contract for cause, loss of eligibility to submit future bids, and/or withholding of payments. Any modifications or changes to the agreed participation by SDVOBs after the contract award and during the term of the Agreement must be reported on a revised SDVOB Utilization Plan and submitted to Owner.

(iii) Owner will review the submitted SDVOB Utilization Plan and advise the Consultant of Owner acceptance or issue a notice of deficiency within 20 days of receipt.

(iv) If a notice of deficiency is issued, Consultant agrees that it shall respond to the notice of deficiency, within seven business days of receipt, by submitting to Owner a written remedy in response to the notice of deficiency. If the written remedy that is submitted is not timely or is found by Owner to be inadequate, Owner shall notify Consultant and direct the Consultant to submit, within five business days of notification by Owner, a request for a partial or total waiver of SDVOB participation goals on Form SDVOB 200 ([https://ogs.ny.gov/Veterans/Docs/2016/SDVOB\\_200\\_Waiver\\_Form.docx](https://ogs.ny.gov/Veterans/Docs/2016/SDVOB_200_Waiver_Form.docx)). Failure to file the waiver form in a timely manner may be grounds for disqualification of the bid or proposal.

(v) Owner may disqualify a Consultant's bid or proposal as being non-responsive under the following circumstances:

- (A) If Consultant fails to submit an SDVOB Utilization Plan;
- (B) If Consultant fails to submit a written remedy to a notice of deficiency;
- (C) If Consultant fails to submit a request for waiver; or



(D) If Owner determines that Consultant has failed to document good faith efforts.

(vi) Consultant certifies that it will follow the submitted SDVOB Utilization Plan for the performance of SDVOBs on the Agreement pursuant to the prescribed SDVOB contract goals set forth above.

(vii) Consultant further agrees that a failure to use SDVOBs as agreed in the Utilization Plan shall constitute a material breach of the terms of the Contract. Upon the occurrence of such a material breach, Owner shall be entitled to any remedy provided herein, including but not limited to, a finding of Consultant non-responsibility.

(d) Waivers

(i) Prior to submission of a request for a partial or total waiver, Consultant shall speak to Shinay Stewart at [shinay.stewart@bpca.ny.gov](mailto:shinay.stewart@bpca.ny.gov) or (212) 336-9353 for guidance.

(ii) In accordance with 9 NYCRR § 252.2(m), a Consultant that is able to document good faith efforts to meet the goal requirements, as set forth in Section 26.2(e) below, may submit a request for a partial or total waiver on Form SDVOB 200 ([https://ogs.ny.gov/Veterans/Docs/2016/SDVOB\\_200\\_Waiver\\_Form.docx](https://ogs.ny.gov/Veterans/Docs/2016/SDVOB_200_Waiver_Form.docx)), accompanied by supporting documentation. Consultant may submit the request for waiver at the same time it submits its SDVOB Utilization Plan. If a request for waiver is submitted with the SDVOB Utilization Plan and is not accepted by Owner at that time, the provisions of Section 26.2(c)(iii), (iv) and (v) will apply. If the documentation included with the Consultant's waiver request is complete, Owner shall evaluate the request and issue a written notice of acceptance or denial within 20 days of receipt.

(iii) Consultant shall attempt to utilize, in good faith, the SDVOBs identified within its SDVOB Utilization Plan, during the performance of the Work. Requests for a partial or total waiver of established goal requirements made subsequent to award of the Agreement may be made at any time during the term of the Agreement to Owner, but must be made no later than prior to the submission of a request for final payment.

(iv) If Owner, upon review of the SDVOB Utilization Plan and Monthly SDVOB Compliance Report determines that Consultant is failing or refusing to comply with the contract goals and no waiver has been issued in regards to such non-compliance, Owner may issue a notice of deficiency to the Consultant. The Consultant must respond to the notice of deficiency within seven business days of receipt. Such response may include a request for partial or total waiver of SDVOB contract goals. Waiver requests should be sent to Owner.

(e) Required Good Faith Efforts. In accordance with 9 NYCRR § 252.2(n), Consultants must document their good faith efforts toward utilizing SDVOBs on the Agreement. Evidence of required good faith efforts shall include, but not be limited to, the following:

(i) Copies of solicitations to SDVOBs and any responses thereto.

(ii) Explanation of the specific reasons each SDVOB that responded to Consultants' solicitation was not selected.

(iii) Dates of any pre-bid, pre-award or other meetings attended by Consultant, if any, scheduled by Owner with certified SDVOBs whom Owner determined were capable of fulfilling the SDVOB goals set in the Agreement.

(iv) Information describing the specific steps undertaken to reasonably structure the Work for the purpose of subcontracting with, or obtaining supplies from, certified SDVOBs.

(v) Other information deemed relevant to the waiver request.

(f) Monthly SDVOB Consultant Compliance Report

In accordance with 9 NYCRR § 252.2(q), Consultant is required to report Monthly SDVOB Consultant Compliance to Owner during the term of the Agreement for the preceding month's activity, documenting progress made towards achieving the SDVOB goals. This information must be submitted using form SDVOB 101 available at [https://ogs.ny.gov/Veterans/Docs/2016/SDVOB\\_101\\_Monthly\\_Compliance%20Report.docx](https://ogs.ny.gov/Veterans/Docs/2016/SDVOB_101_Monthly_Compliance%20Report.docx) and should be completed by the Consultant and submitted to Owner, by the 10th day of each month during the term of the Contract, for the preceding month's activity to: Shinay Stewart at [shinay.stewart@bpca.ny.gov](mailto:shinay.stewart@bpca.ny.gov).

(g) Breach of Contract and Damages

In accordance with 9 NYCRR § 252.2(s), any Consultant found to have willfully and intentionally failed to comply with the SDVOB participation goals set forth in this Agreement, shall be found to have breached the Agreement and Consultant shall pay damages as set forth therein.

## **27. Responsibility**

(a) Consultant shall at all times during the Term of this Agreement remain responsible. Consultant agrees, if requested by Owner or Owner's designee, to present evidence of its continuing legal authority to do business in New York State, integrity, experience, ability, prior performance, and organizational and financial capacity.

(b) Owner or Owner's designee, in its sole discretion, reserves the right to suspend any or all activities under this Agreement, at any time, when it discovers information that calls into question Consultant's responsibility. In the event of such suspension, Consultant will be given written notice outlining the particulars of such suspension. Upon issuance of such notice, Consultant must comply with the terms of the suspension order. Activity under the Agreement may resume at such time as Owner or its designee issues a written notice authorizing a resumption of performance under the Agreement.

(c) Upon written notice to Consultant, and a reasonable opportunity to be heard with appropriate officials or staff of Owner, this Agreement may be terminated by Owner or Owner's designee at Consultant's expense where Consultant is determined by Owner or its designee to be

non-responsible. In such event, Owner or its designee may complete the contractual requirements in any manner it deems advisable, and pursue available legal or equitable remedies for breach.

**28. Interest of Others**

Nothing in this Agreement shall be construed to give any person other than Owner and Consultant any legal or equitable right, remedy or claim. This Agreement shall be held to be for the sole and exclusive benefit of Owner and Consultant.

**29. Executory Contract**

It is understood by and between the parties hereto that this Agreement shall be deemed executory to the extent of the monies available to Owner and no liability on account thereof shall be incurred by Owner beyond monies available for the purpose thereof. In no event shall any claim be asserted under this Agreement by Consultant or any Subconsultant against any member, officer, employee, lessee, consultant or agent of Owner or the State of New York. By execution of this Agreement, Consultant agrees to look solely to Owner with respect to any claim that may arise.

**30. Participation in International Boycott Prohibited**

Consultant agrees, as a material condition of this Agreement, that neither Consultant nor any substantially owned or affiliated person, firm, partnership or corporation has participated or is participating or shall participate in an international boycott in violation of the provisions of the United States Export Administration Act of 1969, as amended, or the United States Export Administration Act of 1979, as amended, or the Regulations of the United States Department of Commerce promulgated thereunder. This Agreement shall be rendered forfeited and void by the Comptroller of the State of New York if, subsequent to execution, such person, firm, partnership or corporation has been convicted of a violation of the provisions of either of such federal acts or such Regulations or has been found upon the final determination of the United States Commerce Department or any other appropriate agency of the United States to have violated the provisions of either of such federal acts or such Regulations.

**31. MacBride Fair Employment Principles**

If the amount payable to Consultant under this Agreement is greater than \$15,000, Consultant hereby certifies that it and/or any individual or legal entity in which it holds a 10% or greater ownership interest, and any individual or legal entity that holds a 10% or greater ownership interest in it, either have no business operations in Northern Ireland, or shall take lawful steps in good faith to conduct any business operations they have in Northern Ireland in accordance with the MacBride Fair Employment Principles relating to nondiscrimination in employment and freedom of workplace opportunity regarding such operations in Northern Ireland, as set forth in Section 165(5) of the New York State Finance Law, and shall permit independent monitoring of their compliance with such Principles.

**32. Limitation Periods**

Any legal action or proceeding against Owner must be commenced no later than one (1) year after the earlier of: (a) the termination of this Agreement, or (b) the last day Consultant

performed work physically at the site of the Work.

**33. Iran Divestment Act**

By signing this Agreement, each person and each person signing on behalf of any other party certifies, and in the case of a joint bid or partnership each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each person is not on the list created pursuant to paragraph (b) of subdivision 3 of Section 165-a of the State Finance Law.

**34. Termination for Failure to Disclose Under NYS Finance Law §139k**

Owner reserves the right to terminate this Agreement in the event it is found that the certification filed by Consultant pursuant to New York State Finance Law §139-k was intentionally false or intentionally incomplete. Upon such finding, Owner may exercise its termination right by providing written notification to the Consultant in accordance with the written notification terms of this contract.

**35. Comptroller's Approval**

If this contract is considered an eligible contract as defined by Title 2 of NYCRR Part 206, it is subject to the New York State Comptroller's approval, and therefore shall not be valid and enforceable until that approval has been obtained. A contract is considered "eligible" as defined by Title 2 of NYCRR Part 206, if it is not a specifically exempt contract, is executed by a state authority on or after March 1, 2010 where the aggregate consideration under the contract may reasonably be valued in excess of one million dollars, AND the contract is either (1) awarded on a single-source basis, sole-source basis or pursuant to any other method of procurement that is not a competitive procurement OR (2) supported in whole or part with funds appropriated from the Community Projects Fund (007).

**36. Binding Contract**

A binding contract between the parties shall exist only if and at such time as both parties have executed this document.

**37. Counterparts**

This Agreement may be executed in any number of counterparts, all of which taken together shall constitute one instrument, but the Agreement shall not be deemed effective unless signed by all parties.

**38. Section Headings**

Section headings contained in this Agreement are for convenience only and shall not be considered for any purpose in governing, limiting, modifying, construing or affecting the provisions of this Agreement and shall not otherwise be given legal effect.

**39.     Subordination of Terms in the Exhibits**

In the event of a conflict of terms, the terms stated in Sections 1-39 herein, shall take precedence over and shall prevail over any printed, typed, or handwritten terms located in the Exhibits.

(SIGNATURE PAGE FOLLOWS)

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first above written.

HUGH L. CAREY BATTERY PARK CITY AUTHORITY

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

[COMPANY]

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

FEIN# [???

**EXHIBIT A**  
**SCOPE OF WORK**

**EXHIBIT B**

**RATES**



**EXHIBIT C**

**FORM OF TIME SHEET**

<b>Employee Name/Title</b>	<b>Date of Work</b>	<b>Time Work Began</b>	<b>Time Work Ended</b>	<b># of Hours</b>	<b>Rate of Pay Per Contract</b>	<b>Summary of Work Performed*</b>	<b>Employee Signature</b>

**Total:**

\*For services and/or additional hours that are  
extraordinary to scope

Supervisors Signature \_\_\_\_\_

Title \_\_\_\_\_

## **EXHIBIT D**

### **M/WBE AND EEO POLICY STATEMENT**

Consultant agrees to adopt the following policies with respect to the Work:

---

#### **MBWE**

Consultant will and will cause its Subconsultants to take good faith actions to achieve the M/WBE contract participations goals set by the Owner for that area in which the Owner-funded project is located, by taking the following steps:

(a) Actively and affirmatively solicit bids for contracts and subcontracts from qualified State-certified MBEs or WBEs, including solicitations to M/WBE consultant associations.

(b) Request a list of State-certified M/WBEs from Owner and solicit bids from them directly.

(c) Ensure that plans, specifications, request for proposals and other documents used to secure bids will be made available in sufficient time for review by prospective M/WBEs.

(d) Where feasible, divide the work into smaller portions to enhance participation by M/WBEs and encourage the formation of joint ventures and other partnerships among M/WBE consultants to enhance their participation.

(e) Document and maintain records of bid solicitation, including those to M/WBEs and the results thereof. Consultant will also maintain records of actions that its Subconsultants have taken toward meeting M/WBE contract participation goals.

(f) Ensure that progress payments to M/WBEs are made on a timely basis so that undue financial hardship is avoided, and that bonding and other credit requirements are waived or appropriate alternatives developed to encourage M/WBE participation.

#### **EEO**

(a) This organization will not discriminate against any employee or applicant for employment because of race, creed, color, national origin, sex, age, disability or marital status, will undertake or continue existing programs of affirmative action to ensure that minority group members are afforded equal employment opportunities without discrimination, and shall make and document its conscientious and active efforts to employ and utilize minority group members and women in its work force on Owner contracts.

(b) Consultant shall state in all solicitation or advertisements for employees that in the performance of the Owner contract all qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex disability or marital status.

(c) At the request of Owner, Consultant shall request each employment agency, labor union, or authorized representative will not discriminate on the basis of race, creed, color, national origin, sex, age, disability or marital status and that such union or representative will affirmatively cooperate in the implementation of Consultant's obligations herein.

(d) Consultant shall comply with the provisions of the Human Rights Law, all other State and Federal statutory and constitutional non-discrimination provisions. Consultant and Subconsultants shall not discriminate against any employee or applicant for employment because of race, creed (religion), color, sex, national origin, sexual orientation, military status, age, disability, predisposing genetic characteristic, marital status or domestic violence victim status, and shall also follow the requirements of the Human Rights Law with regard to non-discrimination on the basis of prior criminal conviction and prior arrest.

(e) Consultant will include the provisions of sections (a) through (d) above in every subcontract in such a manner that the requirements of the subdivisions will be binding upon each Subconsultant as to work in connection with Owner's contract.

---

Agreed to this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

By: \_\_\_\_\_

Print: \_\_\_\_\_ Title: \_\_\_\_\_

**EXHIBIT D**  
**COST PROPOSAL**

(Proposer to submit executed Cost Proposal on its letterhead)

**Date:**

Battery Park City Authority  
200 Liberty Street - 24th Floor  
New York, New York 10281

**Attention:**

Mr. Michael LaMancusa, Contract Administrator

Dear Mr. LaMancusa:

The undersigned (the "Proposer") hereby proposes to provide all work necessary to perform the **Phase 7 Pile Remediation – Construction Management & Diving Inspection Services Project**. The Proposer agrees to commence the Work immediately upon execution of the Contract, in accordance with its terms, and complete the Project for the not-to-exceed sum written below.

**A. Cost Proposal**

A total not-to-exceed amount of \$\_\_\_\_\_ (\_\_\_\_\_ Dollars and \_\_\_\_\_ Cents) to perform all work described in and associated with Exhibit A ("Scope of Work") of the RFP.

**B. Cost Breakdown and Labor Rates**

The Proposer has submitted labor rates in the form of Exhibit E ("Form of Technical Salaries") for all trades, including all costs except overhead and profit. Prices shown include base hourly rates and overtime rates, including insurance and benefits.

Proposer: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

**EXHIBIT E**

**FORM OF TECHNICAL SALARIES**

NAME	TITLE / FUNCTION	LOADED RATE Day / Hour including Profit & Multiplier)	# OF DAYS / HOURS	TOTAL

**TOTAL FEE = \$ \_\_\_\_\_**

**Project Multiplier = \_\_\_\_\_**

Proposer: \_\_\_\_\_ <Name of Company>

By: \_\_\_\_\_ <Printed Name of Executing Officer>

Title:

Signature: \_\_\_\_\_ Date \_\_\_\_\_

The rates listed above represent contract unit rates for the personnel as listed within the assigned categories. Invoicing will be based on actual hours worked multiplied by the unit rate. The unit rate is the actual salary times an auditable multiplier as indicated. The auditable multiplier shall be limited to the direct payroll burden itemized below, overhead (allowances as defined in list below) and a reasonable profit percentage as indicated.

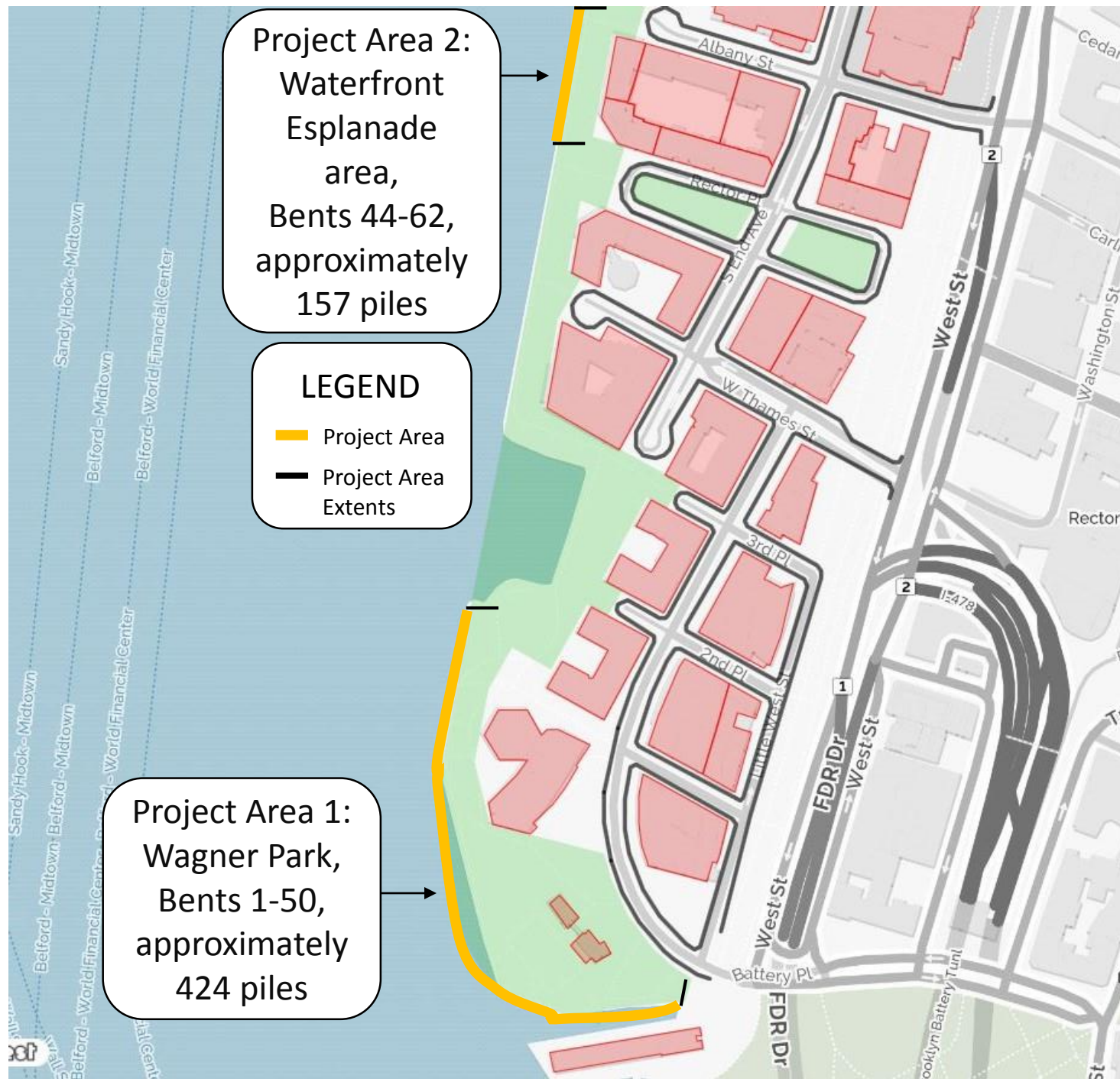
*Itemization of Direct Payroll Burden*

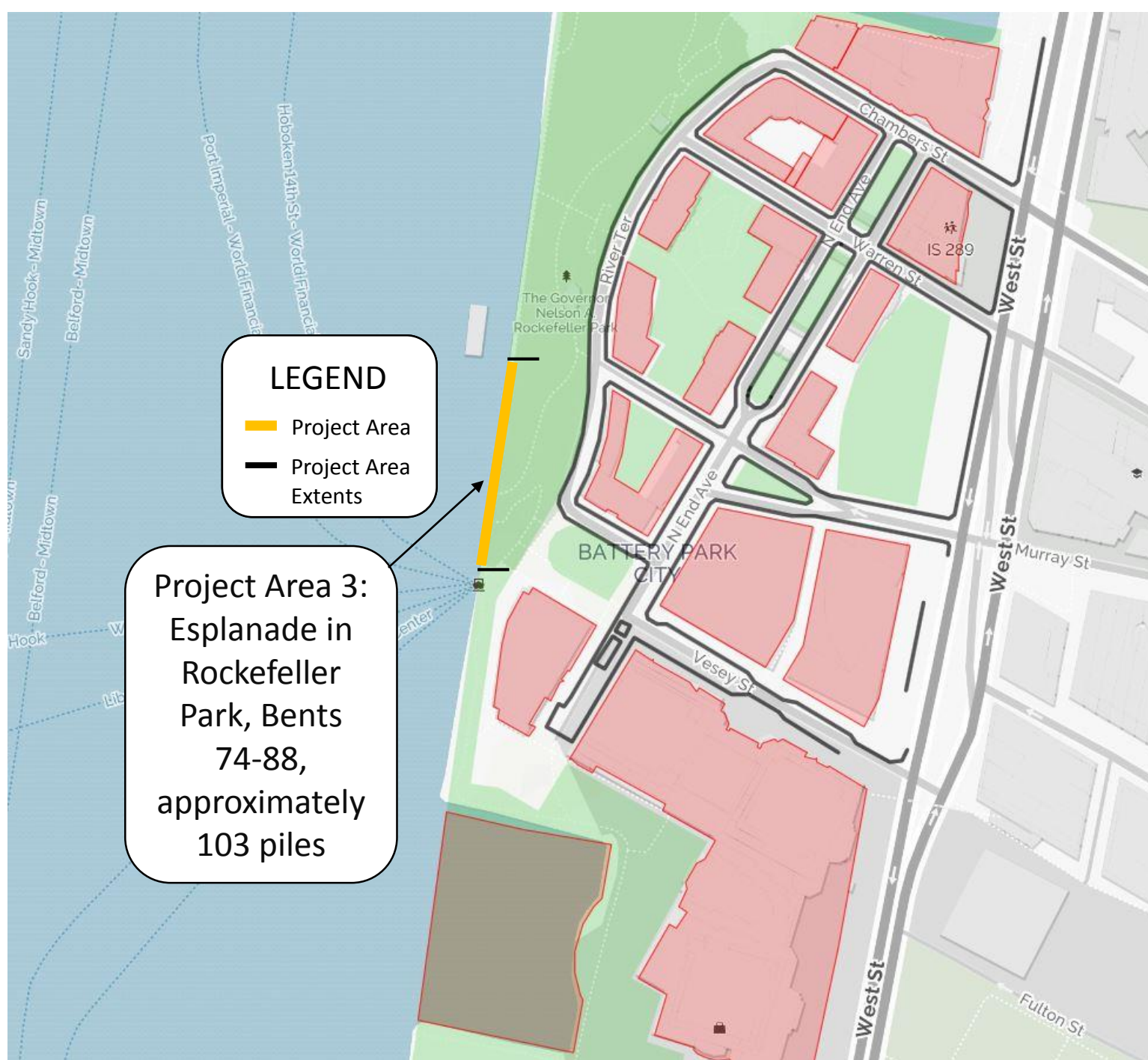
- |   |  |                                 |
|---|--|---------------------------------|
| 1. F.I.C.A                                    | 13. 401K Program (company contribution)                    | 22. Sick Time and Personal Days |
| 2. Federal Unemployment Insurance             | 14. Medicare   |                                 |
| 3. State Unemployment Insurance               | 15. Long Term Disability Insurance                         |                                 |
| 4. Worker's Compensation                      | 16. Company Automobile Expenses                            |                                 |
| 5. Life Insurance                             | 17. Tuition and Seminar Reimbursement                      |                                 |
| 6. Accidental death and Disbursement          | 18. Company Training Program                               |                                 |
| 7. NYS Disability Insurance                   | 19. Employee Bonuses- non-principals and non- shareholders |                                 |
| 8. PL and PD Insurance                        | 20. Travel and Meal Allowances – overtime work only        |                                 |
| 9. Group Hospitalization                      | 21. Premium for Staff Overtime- support or clerical work   |                                 |
| 10. Vacation time attributable to the Project |  |                                 |
| 11. Major Medical Insurance                   |  |                                 |
| 12. Pension and Profit Sharing Plan           |  |                                 |

**EXHIBIT F-1**

**PHASE 7 PROJECT AREA MAPS**

[NO FURTHER TEXT ON THIS PAGE]





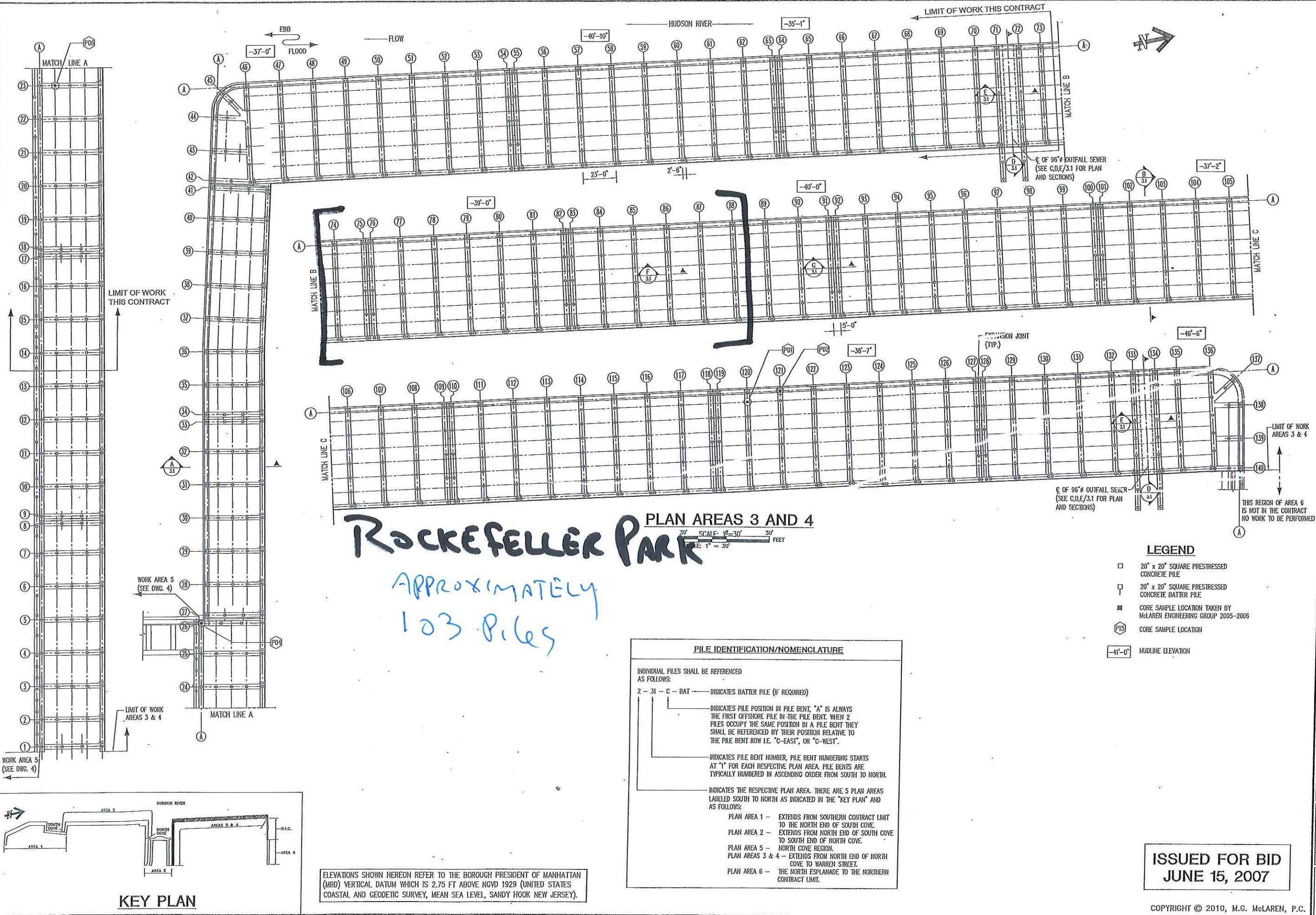
**EXHIBIT F-2**

**PHASE 7 PILE LAYOUT DRAWINGS**

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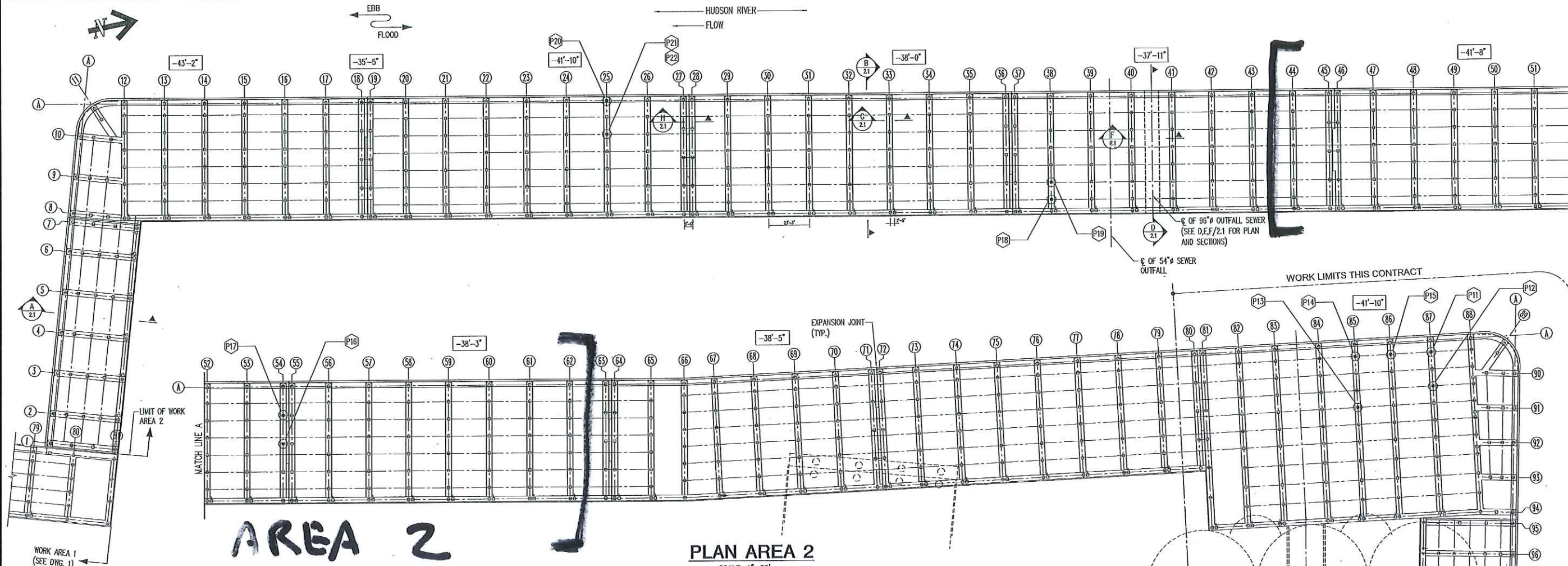
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PROJECT NO. 1043821	
SCALE 1"=30'	
DATE 12/15/06	
DRAWN BY RC	
CHECKED BY MM	
DRAWING NO.	
3.0	
OF SHEETS	
PROJECT BATTERY PARK CITY ESPLANADE REPAIRS	
MANHATTAN, NEW YORK	
McLAREN ENGINEERING GROUP	
E-mail: mclaren@mclaren.com	
100 Snake Hill Road, West Nyack, NY 10994	
Tel: (845) 363-6400 Fax: (845) 363-6509	



FILE NAME: \\production\Coord\Coord\1043821\1043821.dwg PLOT TIME: Mon, 11 Nov 2013 11:14am LAST SAVE: Tue, 02 Feb 2010 9:04am BY: jbarz



AREA 2  
APPROXIMATELY  
157 PILES

PLAN AREA 2  
SCALE: 1"=30'  
SCALE: 1"=30' FEET

**PILE IDENTIFICATION/NOMENCLATURE**

INDIVIDUAL PILES SHALL BE REFERENCED AS FOLLOWS:

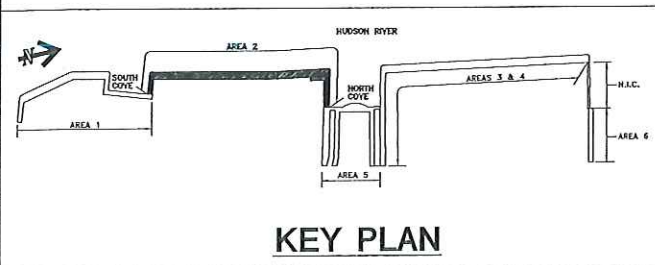
2 - 31 - C - BAT — INDICATES BATTER PILE (IF REQUIRED)

— INDICATES PILE POSITION IN PILE BENT, "A" IS ALWAYS THE FIRST OFFSHORE PILE IN THE PILE BENT. WHEN 2 PILES OCCUPY THE SAME POSITION IN A PILE BENT THEY SHALL BE REFERENCED BY THEIR POSITION RELATIVE TO THE PILE BENT ROW I.E. "C-EAST", OR "C-WEST".

— INDICATES PILE BENT NUMBER, PILE BENT NUMBERING STARTS AT "1" FOR EACH RESPECTIVE PLAN AREA. PILE BENTS ARE TYPICALLY NUMBERED IN ASCENDING ORDER FROM SOUTH TO NORTH.

— INDICATES THE RESPECTIVE PLAN AREA. THERE ARE 5 PLAN AREAS LABELED SOUTH TO NORTH AS INDICATED IN THE "KEY PLAN" AND AS FOLLOWS:

- PLAN AREA 1 — EXTENDS FROM SOUTHERN CONTRACT LIMIT TO THE NORTH END OF SOUTH COVE.
- PLAN AREA 2 — EXTENDS FROM NORTH END OF SOUTH COVE TO SOUTH END OF NORTH COVE.
- PLAN AREA 5 — NORTH COVE REGION.
- PLAN AREAS 3 & 4 — EXTENDS FROM NORTH END OF NORTH COVE TO WARREN STREET.
- PLAN AREA 6 — THE NORTH ESPLANADE TO THE NORTHERN CONTRACT LIMIT.



ELEVATIONS SHOWN HEREON REFER TO THE BOROUGH PRESIDENT OF MANHATTAN (MBO) VERTICAL DATUM WHICH IS 2.75 FT ABOVE NGVD 1929 (UNITED STATES COASTAL AND GEODETIC SURVEY, MEAN SEA LEVEL, SANDY HOOK NEW JERSEY).

- LEGEND**
- 20" x 20" SQUARE PRESTRESSED CONCRETE PILE
  - 20" x 20" SQUARE PRESTRESSED CONCRETE BATTER PILE
  - H HP14 STEEL PILE
  - CORE SAMPLE LOCATION TAKEN BY McLAREN ENGINEERING GROUP 2005-2006
  - P15 CORE SAMPLE IDENTIFICATION
  - 41'-0" MUDLINE ELEVATION

ISSUED FOR BID  
JUNE 15, 2007

COPYRIGHT © 2010, M.G. McLAREN, P.C.

<b>McLAREN</b> ENGINEERING GROUP		PROJECT NO. 1043821
E-mail: mglaren@mglaren.com 100 Snake Hill Road, West Nyack, NY 10994 Tel. (845) 353-6400 Fax. (845) 353-6509		SCALE: 1"=30'
BATTERY PARK CITY ESPLANADE REPAIRS		DATE: 12/15/06
NEW YORK		DRAWN BY: RC
MANHATTAN		CHECKED BY: MM
SHEET TITLE: EXISTING PLATFORM STRUCTURE PLAN AREA - 2		DRAWING NO. 2.0
BY: _____		OF _____ SHEETS
REVISION: _____		
NO. _____		
DATE _____		



INDIVIDUAL FILES SHALL BE REFERENCED AS FOLLOWS:

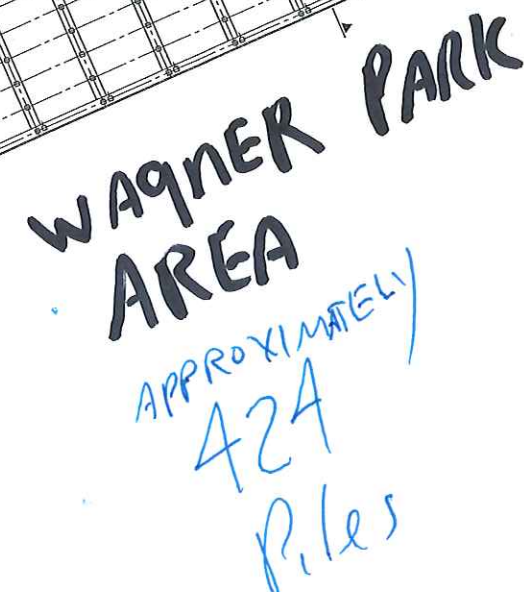
2 - 31 - C - BAT ——— INDICATES BATTER PILE (IF REQUIRED)

————— INDICATES PILE POSITION IN PILE BENT. "A" IS ALWAYS THE FIRST OFFSHORE PILE IN THE PILE BENT. WHEN 2 PILES OCCUPY THE SAME POSITION IN A PILE BENT THEY SHALL BE REFERENCED BY THEIR POSITION RELATIVE TO THE PILE BENT ROW I.E. "C-EAST", OR "C-WEST".

————— INDICATES PILE BENT NUMBER, PILE BENT NUMBERING STARTS AT "1" FOR EACH RESPECTIVE PLAN AREA. PILE BENTS ARE TYPICALLY NUMBERED IN ASCENDING ORDER FROM SOUTH TO NORTH.

————— INDICATES THE RESPECTIVE PLAN AREA. THERE ARE 5 PLAN AREAS LABELED SOUTH TO NORTH AS INDICATED IN THE "KEY PLAN" AND AS FOLLOWS:

PLAN AREA 1 —	EXTENDS FROM SOUTHERN CONTRACT LIMIT TO THE NORTH END OF SOUTH COVE.
PLAN AREA 2 —	EXTENDS FROM NORTH END OF SOUTH COVE TO SOUTH END OF NORTH COVE.
PLAN AREA 5 —	NORTH COVE REGION.
PLAN AREAS 3 & 4 —	EXTENDS FROM NORTH END OF NORTH COVE TO WARREN STREET.
PLAN AREA 6 —	THE NORTH ESPLANADE TO THE NORTHERN CONTRACT LIMIT.



SCALE: 1"=30'

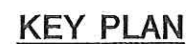
A horizontal scale bar with a black and white alternating pattern. It is marked with '30'' at the left end, '0' in the middle, and '30'' at the right end. The word 'FEET' is written at the far right end.

SCALE: 1" = 30'



NOTE:  
SUBSURFACE PROFILE TAKEN FROM AS-BUILT "BATTERY PARK CITY"  
DRAWINGS DEVELOPED BY MUESER, RUTLEDGE, WENTWORTH, AND JOHNSTON  
CONSULTING ENGINEERS, DATED JUNE 17, 1974.

<input type="checkbox"/>	20" x 20" SQUARE PRESTRESSED CONCRETE PILE
<input type="checkbox"/>	20" x 20" SQUARE PRESTRESSED CONCRETE BATTER PILE
<input checked="" type="checkbox"/>	MUDLINE ELEVATION



ELEVATIONS SHOWN HEREON REFER TO THE BOROUGH PRESIDENT OF MANHATTAN (MBD) VERTICAL DATUM WHICH IS 2.75 FT ABOVE NGVD 1929 (UNITED STATES COASTAL AND GEODETIC SURVEY, MEAN SEA LEVEL, SANDY HOOK NEW JERSEY).

ISSUED FOR BID  
JUNE 15, 2007

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BATTERY PARK CITY  
ESPLANADE REPAIRS

EXISTING PLATFORM  
STRUCTURE PLAN AND  
SECTIONS AREA - 1

PROJECT NO.	1043821
SCALE	AS SHOWN
DATE	12/15/06
DRAWN BY	RC
CHECKED BY	MM
PRINTING NO.	

10

**EXHIBIT G**

**PRIOR PHASE (PHASE 6) DRAWINGS**

***FOR BACKGROUND AND TECHNICAL REFERENCE ONLY***

[NO FURTHER TEXT ON THIS PAGE]



# A

INDEX TO DRAWINGS		
INDEX NO.	SHEET NO.	SHEET TITLE
1	G-001	TITLE SHEET
2	G-002	BLOCK AND LOT DIAGRAM
3	G-003	FEMA MAPS
4	G-004	GENERAL NOTES
STRUCTURAL		
5	S-101	FACILITY PLAN – ELEVATIONS AND LOCATION KEY
6	S-102	FACILITY PLAN – ELEVATIONS AND LOCATION KEY
7	S-103	FACILITY PLAN – ELEVATIONS AND LOCATION KEY
8	S-501	REPAIR DETAILS
9	S-502	REPAIR DETAILS
10	S-601	PILE REPAIR SCHEDULE – SHEET 1 OF 5
10	S-602	PILE REPAIR SCHEDULE – SHEET 2 OF 5
12	S-603	PILE REPAIR SCHEDULE – SHEET 3 OF 5
13	S-604	PILE REPAIR SCHEDULE – SHEET 4 OF 5
14	S-605	PILE REPAIR SCHEDULE – SHEET 5 OF 5

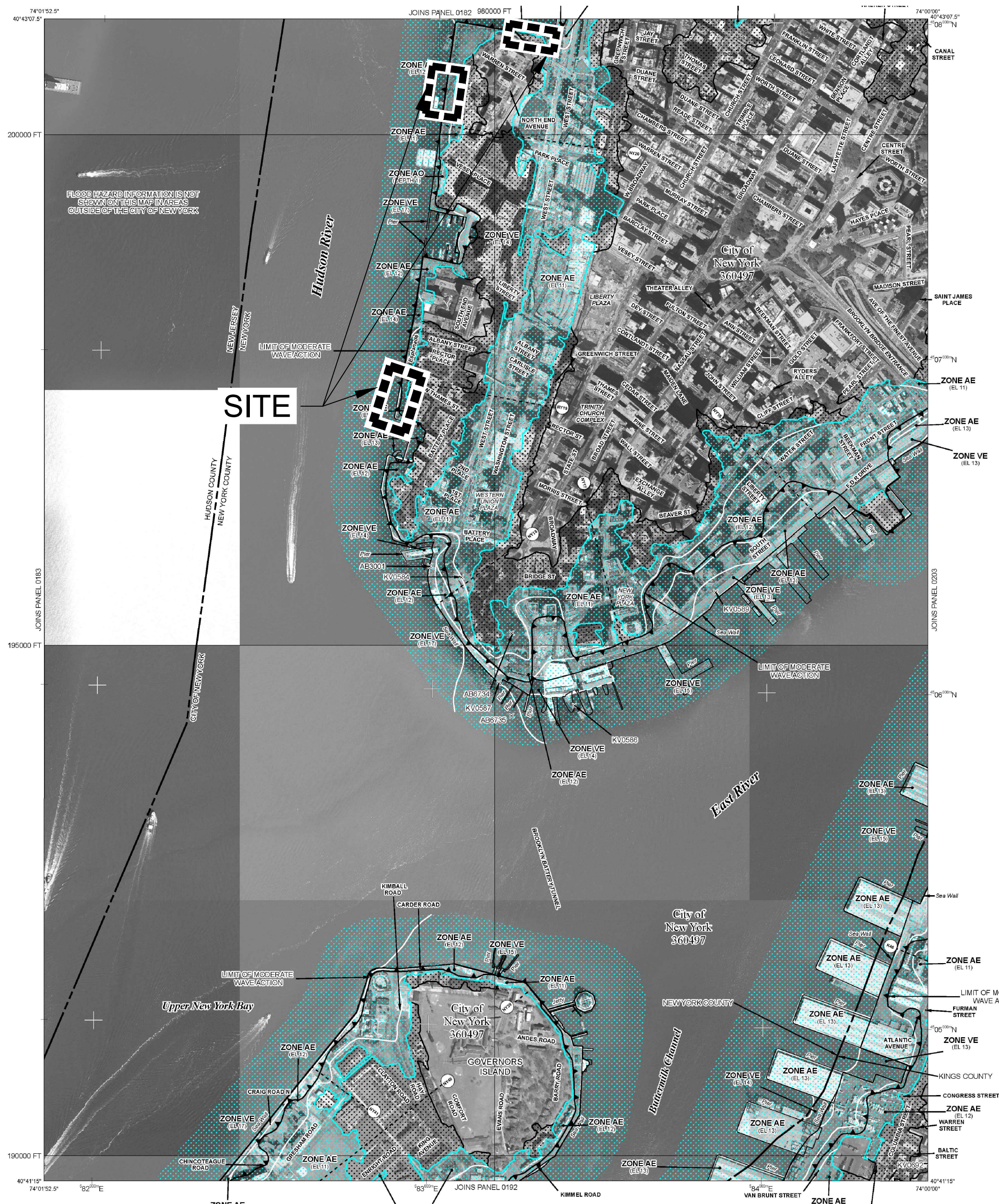
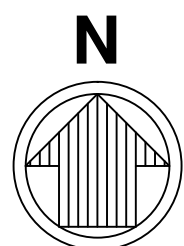


**A**









OWNER/ CLIENT



PRIME CONSULTANT



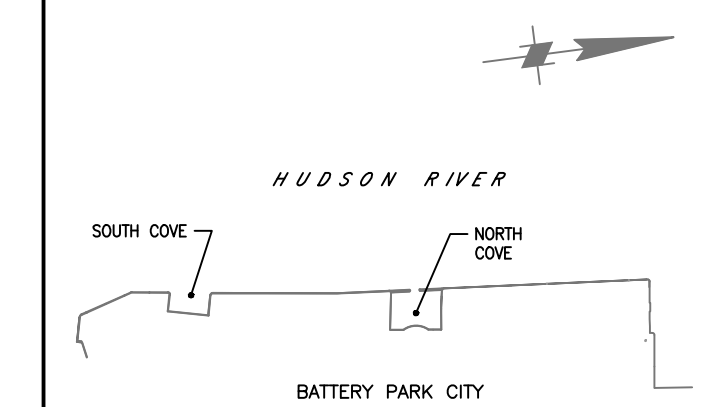
m&n engineering, p.c.

529 FIFTH AVENUE, 14TH FLOOR  
NEW YORK, NY 10017  
(212) 768-7454

C			

NO.	REVISION	APP'D	DATE
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KEY PLAN



PROJECT

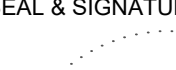
BATTERY PARK CITY AUTHORITY PHASE VI  
PILE REMEDIATION ESPLANADE PLAZA,  
ROCKEFELLER PARK ESPLANADE AND  
NORTH ESPLANADE

DRAWING TITLE

FEMA MAPS

DOB IDENTIFICATION NUMBER

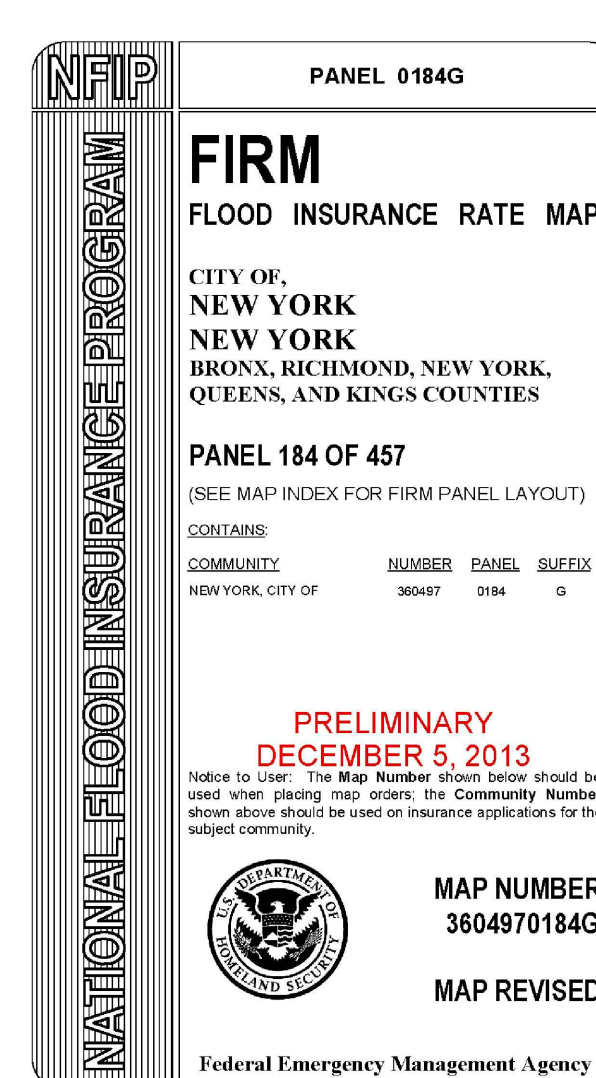
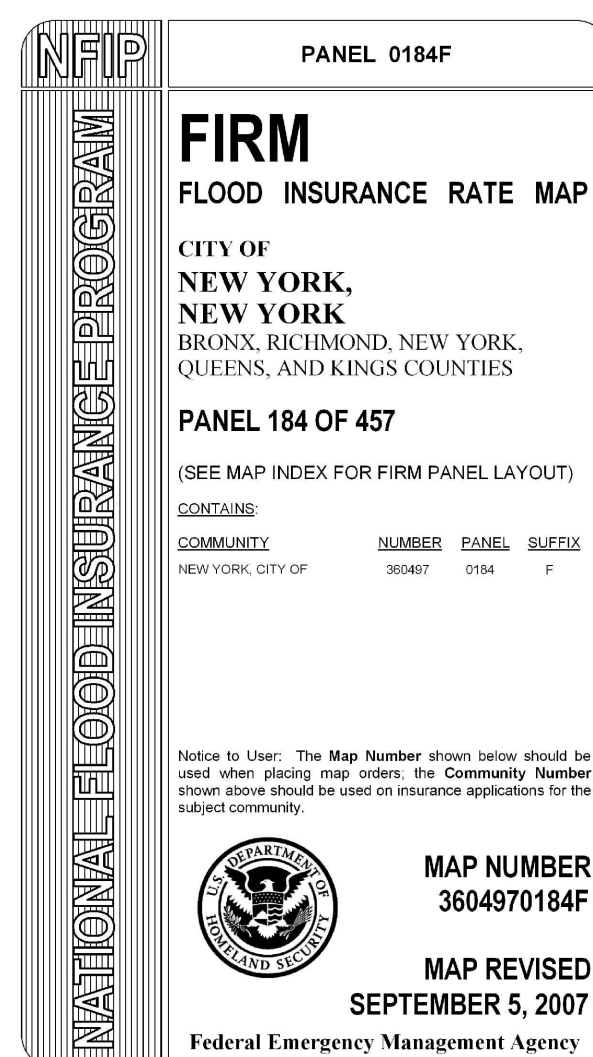
SEAL & SIGNATURE	DATE:
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SEAL & SIGNATURE 	DATE:	SEPTEMBER 2018
	PROJECT NO.	9328
	DRAWN BY	BF
	CHECKED BY	JS
	DRAWING NO.	

PE  
NYS LIC # \_\_\_\_\_

**G-003**  
SHEET NO. 3 of 14

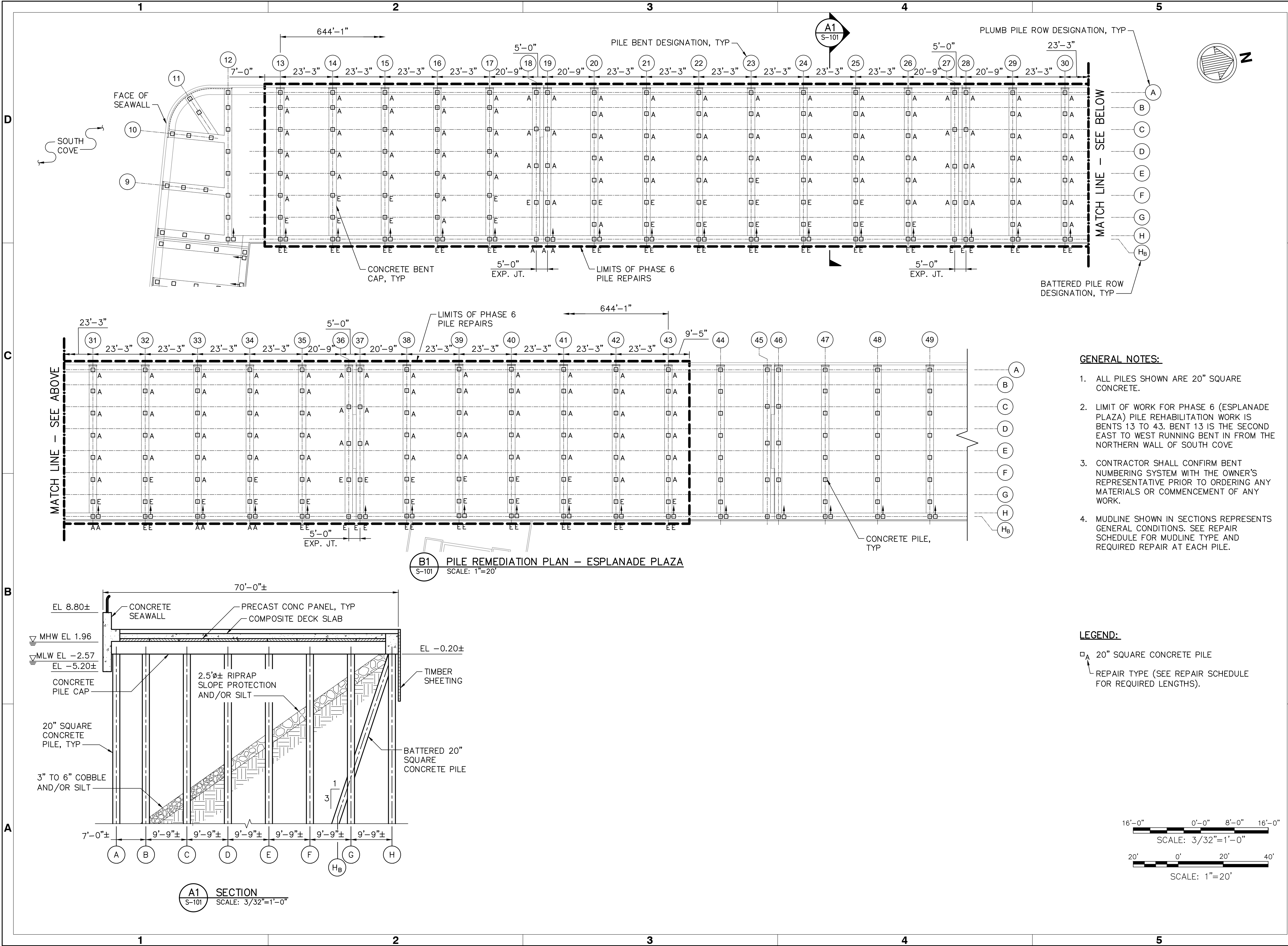
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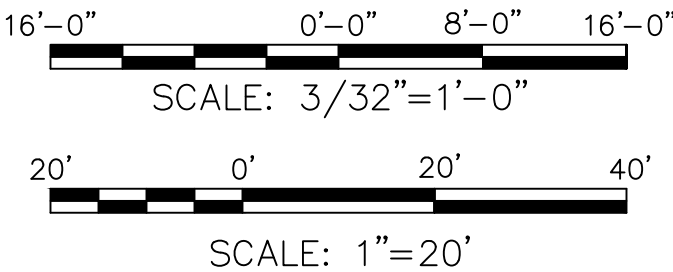


**GENERAL NOTES:**

1. ALL PILES SHOWN ARE 20" SQUARE CONCRETE.
2. LIMIT OF WORK FOR PHASE 6 (ESPLANADE PLAZA) PILE REHABILITATION WORK IS BENTS 13 TO 43. BENT 13 IS THE SECOND EAST TO WEST RUNNING BENT IN FROM THE NORTHERN WALL OF SOUTH COVE
3. CONTRACTOR SHALL CONFIRM BENT NUMBERING SYSTEM WITH THE OWNER'S REPRESENTATIVE PRIOR TO ORDERING ANY MATERIALS OR COMMENCEMENT OF ANY WORK.
4. MUDLINE SHOWN IN SECTIONS REPRESENTS GENERAL CONDITIONS. SEE REPAIR SCHEDULE FOR MUDLINE TYPE AND REQUIRED REPAIR AT EACH PILE.

**LEGEND:**

- 20" SQUARE CONCRETE PILE
- REPAIR TYPE (SEE REPAIR SCHEDULE FOR REQUIRED LENGTHS).



OWNER/ CLIENT

NEW YORK

STATE OF

OPPORTUNITY.

Battery Park  
City Authority

PRIME CONSULTANT

m&n engineering, p.c.

529 FIFTH AVENUE, 14TH FLOOR  
NEW YORK, NY 10017  
(212) 768-7454

NO.	REVISION	APPD	DATE

KEY PLAN

PROJECT  
BATTERY PARK CITY AUTHORITY PHASE VI  
PILE REMEDIATION ESPLANADE PLAZA,  
ROCKEFELLER PARK ESPLANADE AND  
NORTH ESPLANADE

DRAWING TITLE  
FACILITY PLAN - ELEVATIONS  
AND LOCATION KEY

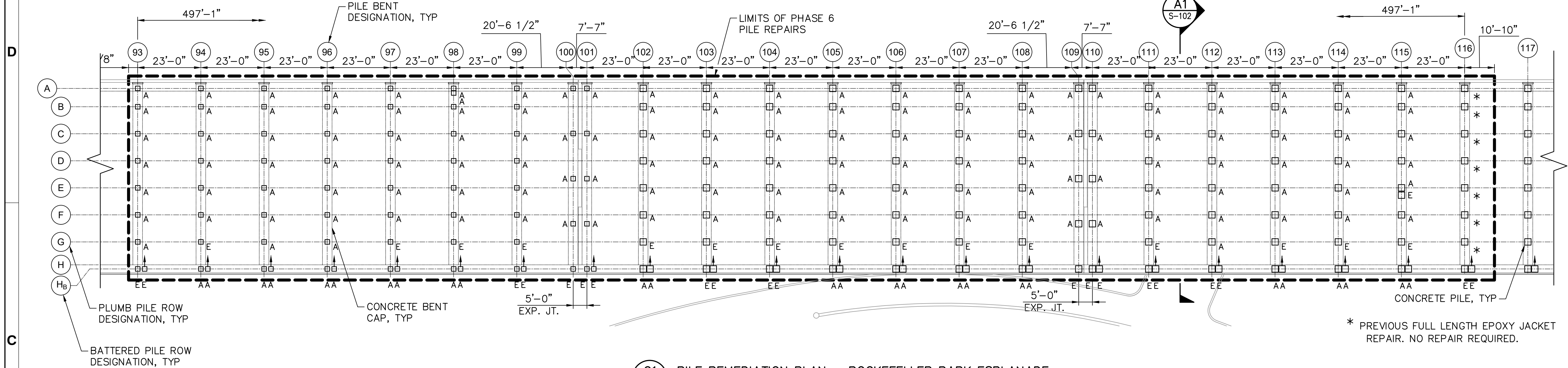
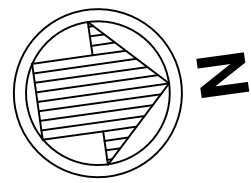
DOB IDENTIFICATION NUMBER  
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SEAL & SIGNATURE

DATE: SEPTEMBER 2018  
PROJECT NO. 9328  
DRAWN BY BF  
CHECKED BY JS  
DRAWING NO. S-101  
PE NYS LIC # BSCAN  
SHEET NO. 5 of 14

DOB APPROVAL STAMP

File: \\mne.net\projects\NY\10213 bpca p6\80 CADD\\_phase v\10213S-101; Plotted: 9/20/2018 12:26 PM by SMILEK, NICK; Saved: 9/20/2018 12:26 PM by NSMILEK



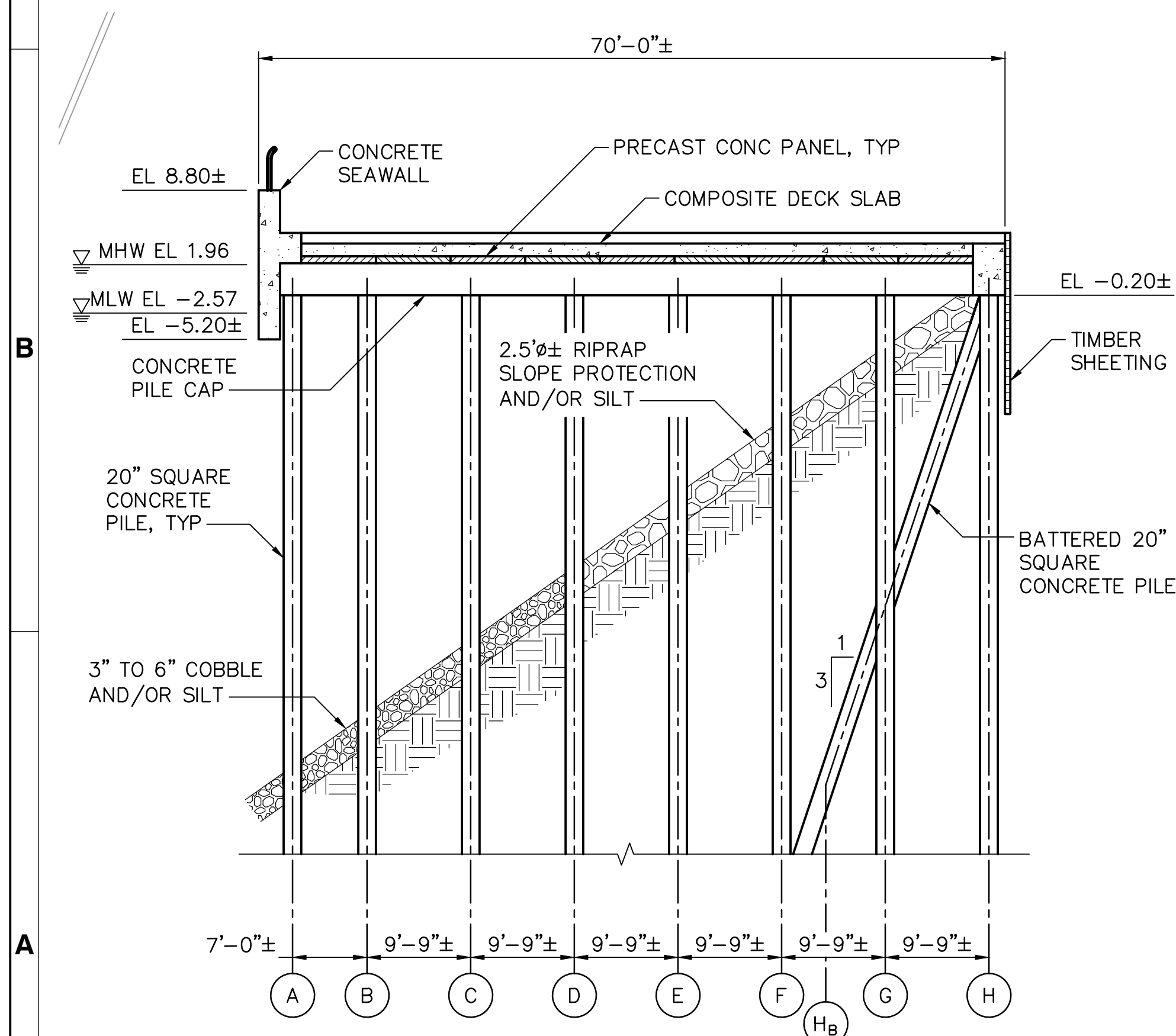
**C1**  
S-102  
**PILE REMEDIATION PLAN – ROCKEFELLER PARK ESPLANADE**  
SCALE: 1"=20'

**GENERAL NOTES:**

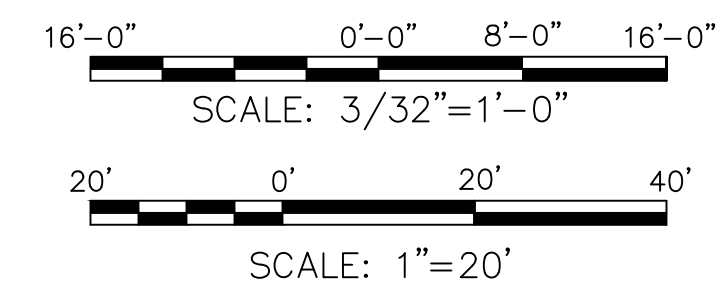
- ALL PILES SHOWN ARE 20" SQUARE CONCRETE.
- LIMIT OF WORK FOR PHASE 6 (ROCKEFELLER PARK) PILE REHABILITATION WORK IS BENTS 93 TO 116. BENT 116 IS THE TWENTY-FIRST EAST TO WEST RUNNING BENT SOUTH OF NORTH ESPLANADE.
- CONTRACTOR SHALL CONFIRM BENT NUMBERING SYSTEM WITH THE OWNER'S REPRESENTATIVE PRIOR TO ORDERING ANY MATERIALS OR COMMENCEMENT OF ANY WORK.
- MUDLINE SHOWN IN SECTIONS REPRESENTS GENERAL CONDITIONS. SEE REPAIR SCHEDULE FOR MUDLINE TYPE AND REQUIRED REPAIR AT EACH PILE.

**LEGEND:**

- 20" SQUARE CONCRETE PILE
- REPAIR TYPE (SEE REPAIR SCHEDULE FOR REQUIRED LENGTHS).



**A1**  
S-101  
**SECTION**  
SCALE: 3/32"=1'-0"



OWNER/ CLIENT

NEW YORK

STATE OF

OPPORTUNITY.

Battery Park  
City Authority

PRIME CONSULTANT

m&n engineering, p.c.

529 FIFTH AVENUE, 14TH FLOOR  
NEW YORK, NY 10017  
(212) 768-7454

NO.	REVISION	APPD	DATE

KEY PLAN

PROJECT

BATTERY PARK CITY AUTHORITY PHASE VI  
PILE REMEDIATION ESPLANADE PLAZA,  
ROCKEFELLER PARK ESPLANADE AND  
NORTH ESPLANADE

DRAWING TITLE

**FACILITY PLAN - ELEVATIONS  
AND LOCATION KEY**

DOB IDENTIFICATION NUMBER

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SEAL & SIGNATURE

DATE: SEPTEMBER 2018

PROJECT NO. 9328

DRAWN BY BF

CHECKED BY JS

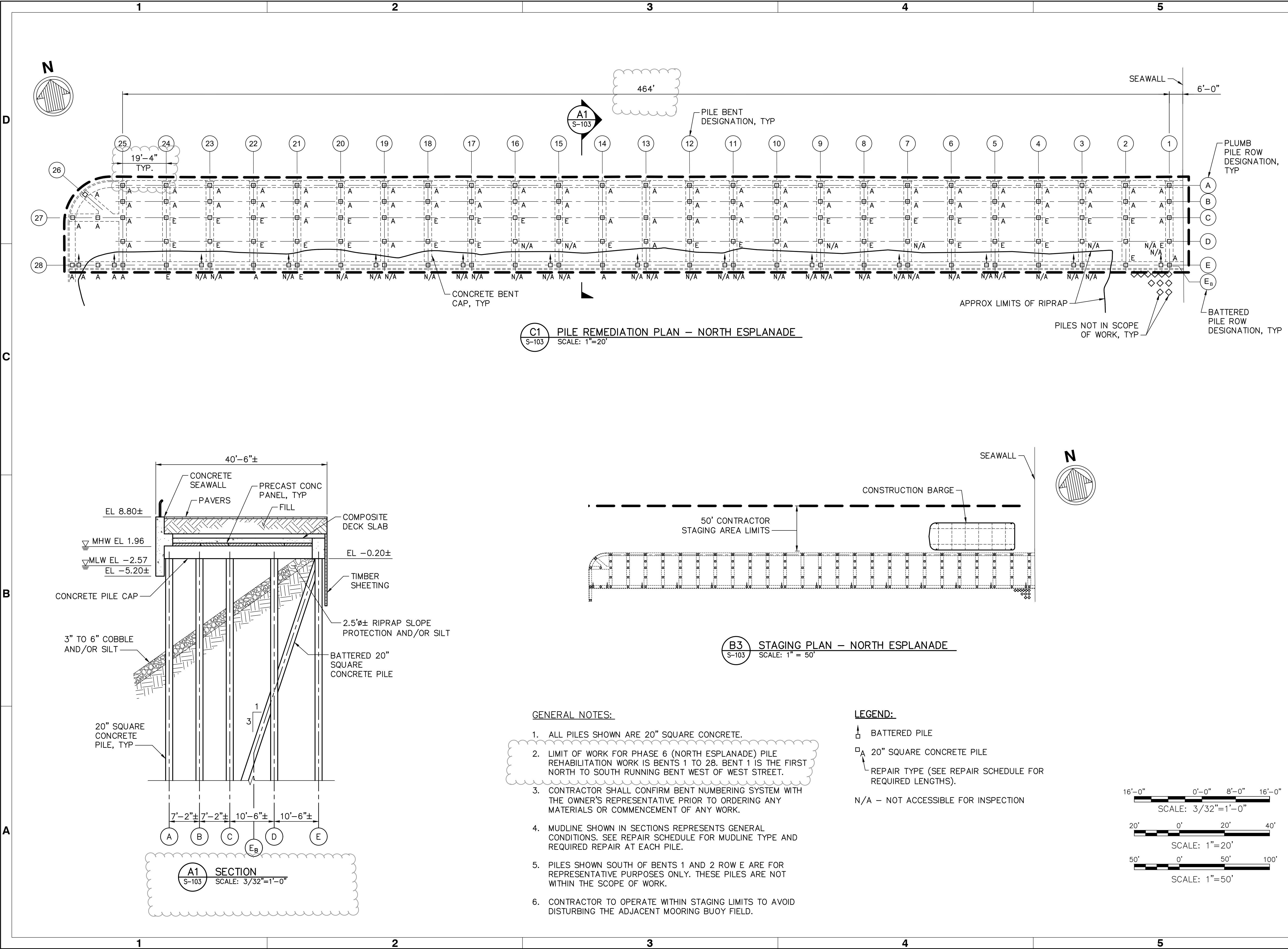
DRAWING NO. S-102

SHEET NO. 6 of 14

PE  
NYS LIC #  
BSCAN

DOB APPROVAL STAMP





OWNER/ CLIENT

NEW YORK STATE OF OPPORTUNITY

Battery Park City Authority

PRIME CONSULTANT

m&n engineering, p.c.

529 FIFTH AVENUE, 14TH FLOOR  
NEW YORK, NY 10017  
(212) 768-7454

1	SEAWALL LENGTH ADJUSTMENT	DJ	2/26/19
NO.	REVISION	APPD	DATE

KEY PLAN

HUDSON RIVER

SOUTH COVE

NORTH COVE

BATTERY PARK CITY

LIMITS OF WORK

PROJECT

BATTERY PARK CITY AUTHORITY PHASE VI  
PILE REMEDIATION ESPLANADE PLAZA,  
ROCKEFELLER PARK ESPLANADE AND  
NORTH ESPLANADE

DRAWING TITLE

FACILITY PLAN - ELEVATIONS  
AND LOCATION KEY

DOB IDENTIFICATION NUMBER

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SEAL & SIGNATURE

DATE: SEPTEMBER 2018

PROJECT NO. 9328

DRAWN BY BF

CHECKED BY JS

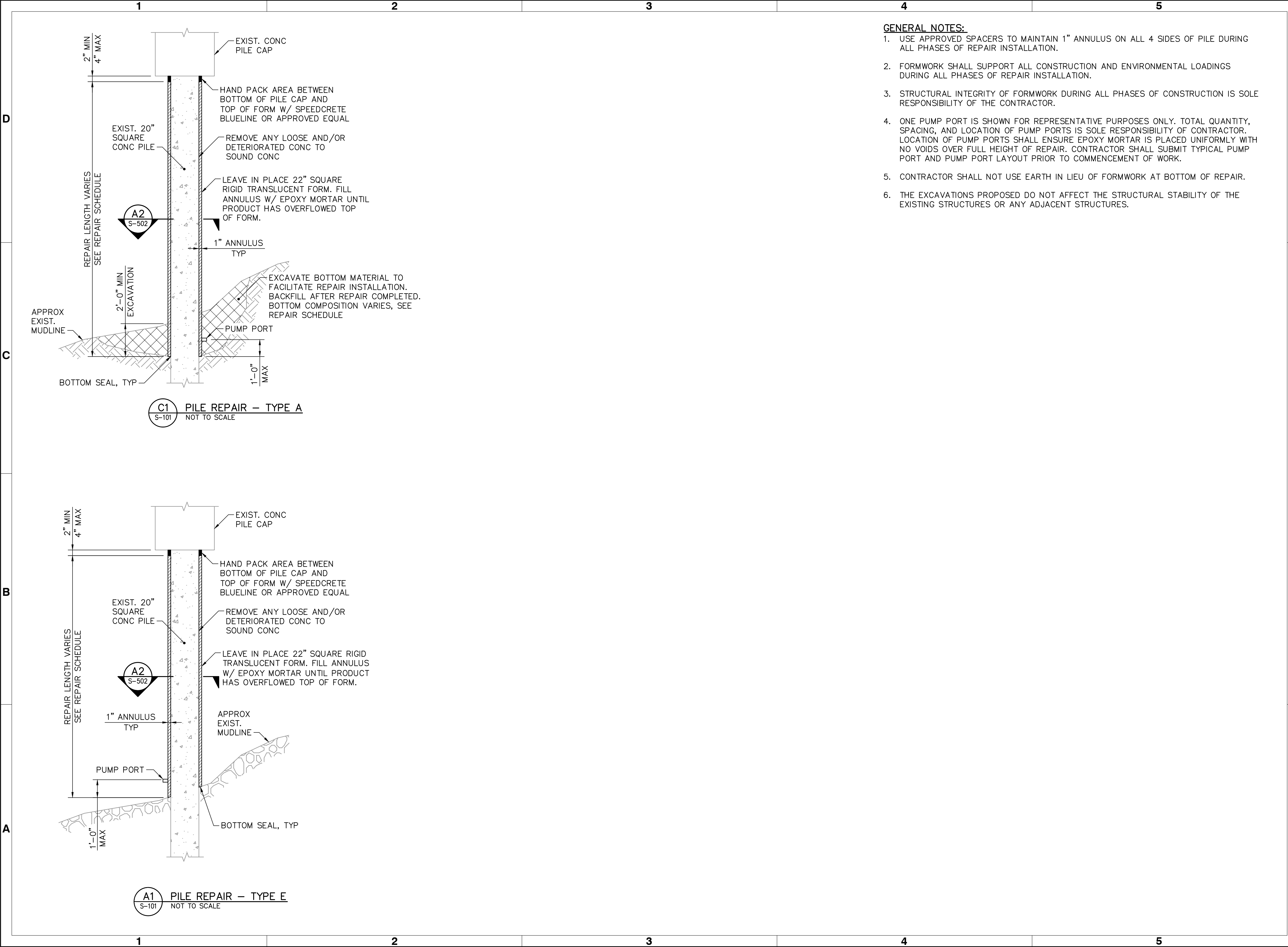
DRAWING NO.

S-103

PE  
NYS LIC #


SHEET NO. 7 of 14

DOB APPROVAL STAMP




- GENERAL NOTES:**
1. USE APPROVED SPACERS TO MAINTAIN 1" ANNULUS ON ALL 4 SIDES OF PILE DURING ALL PHASES OF REPAIR INSTALLATION.
  2. FORMWORK SHALL SUPPORT ALL CONSTRUCTION AND ENVIRONMENTAL LOADINGS DURING ALL PHASES OF REPAIR INSTALLATION.
  3. STRUCTURAL INTEGRITY OF FORMWORK DURING ALL PHASES OF CONSTRUCTION IS SOLE RESPONSIBILITY OF THE CONTRACTOR.
  4. ONE PUMP PORT IS SHOWN FOR REPRESENTATIVE PURPOSES ONLY. TOTAL QUANTITY, SPACING, AND LOCATION OF PUMP PORTS IS SOLE RESPONSIBILITY OF CONTRACTOR. LOCATION OF PUMP PORTS SHALL ENSURE EPOXY MORTAR IS PLACED UNIFORMLY WITH NO VOIDS OVER FULL HEIGHT OF REPAIR. CONTRACTOR SHALL SUBMIT TYPICAL PUMP PORT AND PUMP PORT LAYOUT PRIOR TO COMMENCEMENT OF WORK.
  5. CONTRACTOR SHALL NOT USE EARTH IN LIEU OF FORMWORK AT BOTTOM OF REPAIR.
  6. THE EXCAVATIONS PROPOSED DO NOT AFFECT THE STRUCTURAL STABILITY OF THE EXISTING STRUCTURES OR ANY ADJACENT STRUCTURES.

OWNER/ CLIENT



**Battery Park**  
City Authority

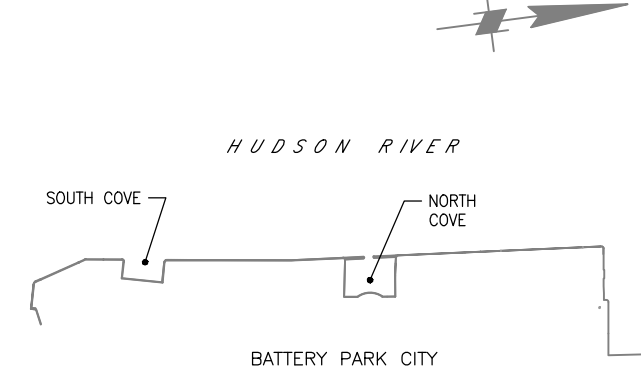
PRIME CONSULTANT



**m&n engineering, p.c.**  
529 FIFTH AVENUE, 14TH FLOOR  
NEW YORK, NY 10017  
(212) 768-7454

NO.	REVISION	APPD	DATE

KEY PLAN



PROJECT

BATTERY PARK CITY AUTHORITY PHASE VI  
PILE REMEDIATION ESPLANADE PLAZA,  
ROCKEFELLER PARK ESPLANADE AND  
NORTH ESPLANADE

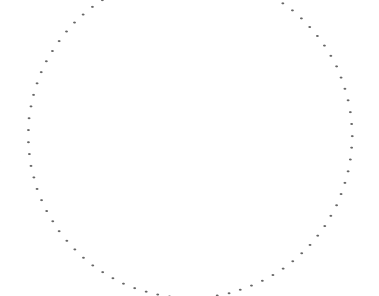
DRAWING TITLE

REPAIR DETAILS

DOB IDENTIFICATION NUMBER

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DATE: SEPTEMBER 2018

PROJECT NO. 9328

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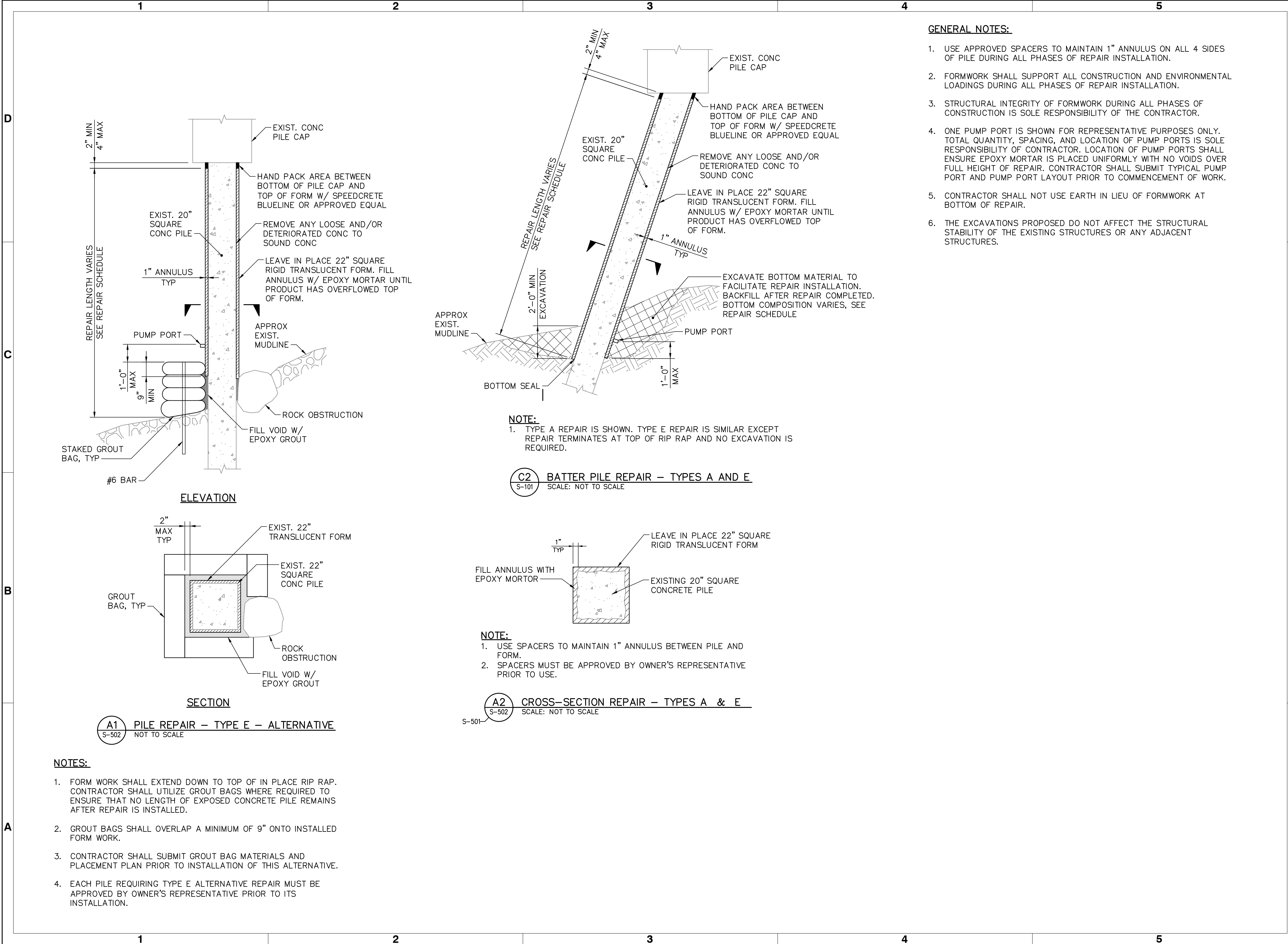
DRAWING NO. S-501

PE NYS LIC # BSCAN

SHEET NO. 8 of 14

DOB APPROVAL STAMP





OWNER/ CLIENT

**NEW YORK**  
STATE OF  
OPPORTUNITY.

**Battery Park  
City Authority**

PRIME CONSULTANT

**m&n engineering, p.c.**

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NEW YORK, NY 10017  
(212) 768-7454

NO.	REVISION	APPD	DATE

KEY PLAN

HUDSON RIVER

SOUTH COVE

NORTH COVE

BATTERY PARK CITY

PROJECT

BATTERY PARK CITY AUTHORITY PHASE VI  
PILE REMEDIATION ESPLANADE PLAZA,  
ROCKEFELLER PARK ESPLANADE AND  
NORTH ESPLANADE

DRAWING TITLE

**REPAIR DETAILS**

DOB IDENTIFICATION NUMBER

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SEAL & SIGNATURE

DATE: SEPTEMBER 2018

PROJECT NO. 9328

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DRAWING NO. S-502

PE  
NYS LIC #  
BSCAN

SHEET NO. 9 of 14

DOB APPROVAL STAMP



D	1		2		3		4		5	
C										
B										
A										

ESPLANADE PLAZA					
BENT NO.	PILE NO.	REPAIR LENGTH (FT)	REPAIR TYPE	MUDLINE CONDITION (ROCK, COBBLE, SILT)	TYPICAL ROCK SIZE (IN. DIAM.)
13	A	37	A	SILT AND GRAVEL	
13	B	32	A	SILT, GRAVEL, AND COBBLES	3-6
13	C	27	A	SILT, GRAVEL, AND COBBLES	3-6
13	D	23	A	SILT, COBBLE, AND ROCK BELOW	3-10
13	E	19	A	SILT, AND COBBLES WITH ROCK BELOW	8-12
13	F	17	A	SILT, SAND, GRAVEL, COBBLE	6-8
13	G	7	E	GRAVEL AND COBBLES WITH ROCK UNDERNEATH	12-30
13	H	4	E	RIPRAP	12-36
13	HB	4	E	RIPRAP	10-36
14	A	39	A	SILT, SAND, GRAVEL AND COBBLES	3-6
14	B	37	A	SILT, SAND AND COBBLES	3-6
14	C	31	A	SILT, GRAVEL, AND COBBLES	3-6
14	D	27.5	A	SILT AND ROCK BELOW	3-20
14	E	22.5	A	SILT, AND COBBLES WITH ROCK BELOW	3-10
14	F	13	E	ROCK AND COBBLES WITH RIPRAP	10-28
14	G	6	E	ROCK AND COBBLES	10-30
14	H	4	E	RIPRAP	10-30
14	HB	4	E	RIPRAP	10-30
15	A	39	A	SILT, SAND, GRAVEL AND COBBLES	3-6
15	B	37	A	SILT, SAND AND COBBLES	3-6
15	C	27	A	SILT AND COBBLES	3-6
15	D	26	A	SILT, GRAVEL, AND COBBLE	3-6
15	E	18	A	SILT, GRAVEL AND COBBLES WITH ROCK BELOW	8-10
15	F	13	E	ROCK AND COBBLES WITH RIPRAP	32-48
15	G	7	E	ROCK AND COBBLES	6-30
15	H	4	E	RIPRAP	16-18
15	HB	4	E	RIPRAP	16-18
16	A	38	A	SILT, SAND, GRAVEL AND COBBLES	3-6
16	B	36	A	SILT, SAND AND COBBLES	3-6
16	C	31	A	SILT AND COBBLES WITH ROCK BELOW.	3-6
16	D	24	A	SILT, GRAVEL, AND COBBLE	3-6
16	E	17.5	A	SILT, GRAVEL AND COBBLES WITH ROCK BELOW	3-10
16	F	14	A	ROCK AND COBBLES WITH RIPRAP	3-10
16	G	9	A	ROCK AND COBBLES	3-10
16	H	4	E	RIPRAP	10-30
16	HB	4	E	RIPRAP	10-30
17	A	38	A	SILT, SAND AND COBBLES	3-6
17	B	36	A	SILT, SAND AND COBBLES	3-6

ESPLANADE PLAZA					
BENT NO.	PILE NO.	REPAIR LENGTH (FT)	REPAIR TYPE	MUDLINE CONDITION (ROCK, COBBLE, SILT)	TYPICAL ROCK SIZE (IN. DIAM.)
17	C	30	A	SILT AND COBBLES WITH ROCK BELOW.	3
17	D	24	A	SILT AND COBBLE	3-6
17	E	17	A	SILT AND COBBLES WITH ROCK BELOW	3-10
17	F	12	E	SAND WITH RIPRAP	10-30 ROCK
17	G	6	E	ROCK AND COBBLES	10-30
17	H	4	E	RIPRAP	10-30
17	HB	4	E	RIPRAP	10-30
18	A	38.5	A	SILT AND GRAVEL	
18	C	28.5	A	SILT	
18	D.7	18.5	A	SILT AND COBBLES W/ ROCK BELOW	
18	F.3	10.5	E	COBBLES & RIPRAP	8-12 W/ 24
18	H	6	A	COBBLES & RIPRAP	8-12 & OCCASIONAL 30
19	A	38.5	A	SILT AND GRAVEL	
19	C	28.5	A	SILT	
19	D.7	18.5	A	SILT AND COBBLES W/ ROCK BELOW	
19	F.3	12.5	A	COBBLES & RIPRAP	8-12 W/ 24
19	H	6	A	COBBLES & RIPRAP	8-12 & OCCASIONAL 30
19	HB	6	A	COBBLES & RIPRAP	8-12 & OCCASIONAL 30
20	A	37	A	SILT AND COBBLES	3-6
20	B	36	A	SILT AND COBBLES	3-6
20	C	30	A	SILT AND COBBLES WITH ROCK BELOW.	3
20	D	23	A	SILT WITH ROCK BELOW.	
20	E	18.5	A	SILT AND COBBLES WITH ROCK BELOW.	3-6
20	F	12	E	SAND WITH RIPRAP	18-30
20	G	8	A	ROCK AND COBBLES	6-10
20	H	4	E	RIPRAP	30
20	HB	4	E	RIPRAP	30
21	A	38	A	SILT AND COBBLES	6
21	B	36	A	SILT AND COBBLES	8
21	C	28.5	A	SILT W/ GRAVEL	
21	D	23	A	SILT WITH ROCK BELOW.	
21	E	19	A	SAND W/ GRAVEL, ROCK BELOW.	6
21	F	12	E	SAND WITH ROCK	28-40
21	G	8	E	RIPRAP	32-40
21	H	4	E	RIPRAP	18 W/ 30
21	HB	4	E	RIPRAP	18 W/ 30
22	A	37	A	SAND & GRAVEL	3
22	B	35	A	SAND & GRAVEL	3
22	C	30	A	SAND WITH ROCK	3
22	D	24	A	SILT WITH ROCK BELOW.	
22	E	18	A	SILT WITH ROCK BELOW.	6
22	F	12.5	E	SILT WITH ROCK	18
22	G	8	E	RIPRAP	46
22	H	4	E	RIPRAP	18 W/ 30

ESPLANADE PLAZA					
BENT NO.	PILE NO.	REPAIR LENGTH (FT)	REPAIR TYPE	MUDLINE CONDITION (ROCK, COBBLE, SILT)	TYPICAL ROCK SIZE (IN. DIAM.)
22	HB	4	E	RIPRAP	18 W/ 30
23	A	38.5	A	RIPRAP AND MUD	6-18
23	B	37	A	COBBLES AND SILT	3-6
23	C	32	A	COBBLES AND SILT	3-6
23	D	27	A	SAND AND GRAVEL	2
23	E	20	E	SILT AND COBBLES	18
23	F	16	E	SILT AND COBBLES & ROCK	18
23	G	10	E	RIPRAP	48
23	H	4	E	RIPRAP	18
23	HB	4	E	RIPRAP	18
24	A	41	A	COBBLES AND ROCK	3-12
24	B	36	A	COBBLES AND SILT	3-6
24	C	32	A	COBBLES AND SILT, ROCK BELOW	3-6
24	D	27	A	SILT, ROCK BELOW	
24	E	21	A	SAND AND GRAVEL	3-6
24	F	16	E	SILT AND COBBLES	18
24	G	10	E	ROCK/COBBLES AND ROCK	30-40
24	H	4	E	RIPRAP	10-24
24	HB	4	E	RIPRAP	10-24
25	A	39	A	COBBLES AND ROCK	3-12
25	B	39	A	COBBLES AND SILT	6-8
25	C	33	A	COBBLES AND SILT, ROCK BELOW	3-6
25	D	27	A	SILT, ROCK BELOW	12
25	E	21	A	SAND AND GRAVEL	10-20
25	F	14	E	SILT AND COBBLES	18
25	G	10	E	RIPRAP	30-40
25	H	4	E	RIPRAP	12-36
25	HB	4	E	RIPRAP	12-36
26	A	36	A	SILT, GRAVEL W/ ROCK BELOW	
26	B	35	A	SAND, SILT W/ ROCK BELOW	
26	C	28	A	SILT, GRAVEL W/ ROCK BELOW	
26	D	22	A	SILT W/ ROCK BELOW	
26	E	16	A	SILT & COBBLES W/ ROCK BELOW	6-10
26	F	13	A	SILT GRAVEL W/ ROCK BELOW	15
26	G	7	E	SILT, GRAVEL AND RIPRAP	18-42
26	H	4	E	SILT, GRAVEL AND RIPRAP	10-30
26	HB	4	E	SILT, GRAVEL AND RIPRAP	10-30
27	A	39	A	SAND AND GRAVEL W/ ROCK BELOW	
27	B.7	28	A	SILT	
27	D.3	19	A	SILT AND COBBLES	3-6
27	F	11	A	SILT AND COBBLES	3-6
27	H	5	E	SILT, GRAVEL AND RIPRAP	8-24
28	A	38.5	A	SAND AND GRAVEL W/ ROCK BELOW	3-6
28	B.7	28.5	A	SILT W/ ROCK BELOW	

OWNER/ CLIENT

NEW YORK

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Battery Park  
City Authority

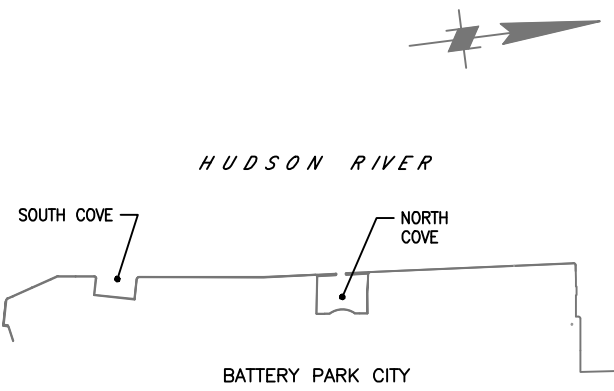
PRIME CONSULTANT

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NEW YORK, NY 10017  
(212) 768-7454

NO.	REVISION	APPD	DATE

KEY PLAN



PROJECT

BATTERY PARK CITY AUTHORITY PHASE VI  
PILE REMEDIATION ESPLANADE PLAZA,  
ROCKEFELLER PARK ESPLANADE AND  
NORTH ESPLANADE

DRAWING TITLE

PILE REPAIR SCHEDULE -  
SHEET 1 OF 5

DOB IDENTIFICATION NUMBER

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SEAL & SIGNATURE

DATE: SEPTEMBER 2018

PROJECT NO. 9328

DRAWN BY BF

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DRAWING NO. S-601

SHEET NO. 10 of 14

PE  
NYS LIC #  
BSCAN

DOB APPROVAL STAMP

120213S-601; Plotted: 9/20/2018 12:46 PM by SMILEK, NICK; Saved: 9/20/2018 12:29 PM by NSMILEK



D

C

B

A

1

2

3

4

5

ESPLANADE PLAZA					
BENT NO.	PILE NO.	REPAIR LENGTH (FT)	REPAIR TYPE	MUDLINE CONDITION (ROCK, COBBLE, SILT)	TYPICAL ROCK SIZE (IN. DIAM.)
28	D.3	20.5	A	SILT AND COBBLES & ROCK	
28	F	10.5	A	SILT AND COBBLES	3-6
28	H	5.5	E	SILT, GRAVEL AND RIPRAP	12-28
28	HB	5.5	E	SILT, GRAVEL AND RIPRAP	12-28
29	A	37	A	SAND AND GRAVEL W/ ROCK BELOW	0-3
29	B	34	A	SILT AND GRAVEL W/ ROCK BELOW	0-3
29	C	26	A	SILT W/ROCK BELOW	
29	D	22	A	SILT W/ROCK BELOW	
29	E	16	A	SILT OVER COBBLES	0-3
29	F	12	A	SILT OVER ROCK	
29	G	7	A	COBBLES & RIPRAP	6-10
29	H	4	E	RIPRAP	20-24
29	HB	4	E	RIPRAP	20-24
30	A	37	A	SILT W/ ROCK BELOW	
30	B	34	A	SILT W/ ROCK BELOW	
30	C	28	A	SILT	
30	D	22	A	SILT W/ROCK BELOW	
30	E	16	A	SILT OVER ROCK	0-3
30	F	13	A	SILT & COBBLES OVER ROCK	
30	G	7	A	SILT & COBBLES & RIPRAP	6-10
30	H	4	E	RIPRAP	20-24
30	HB	4	E	RIPRAP	20-24
31	A	39	A	SILT W/ ROCK BELOW	0-1
31	B	37	A	SILT W/ ROCK BELOW	
31	C	29	A	SILT W/ ROCK BELOW	
31	D	24	A	SILT W/ ROCK BELOW	
31	E	19	A	SILT W/ ROCK BELOW	
31	F	14	A	SILT & COBBLES W/ RIPRAP	6-12
31	G	7	E	COBBLES W/ RIPRAP	6-10/50
31	H	6	A	COBBLES W/ RIPRAP	6-10/20
31	HB	6	A	COBBLES W/ RIPRAP	6-10/20
32	A	39	A	SILT & COBBLES	0-6
32	B	37	A	SILT & COBBLES	0-6
32	C	30	A	SILT & GRAVEL W/ ROCK BELOW	
32	D	25	A	SILT W/ ROCK BELOW	
32	E	19	A	SILT W/ ROCK BELOW	
32	F	13	E	SILT & COBBLES	2-36
32	G	8	E	COBBLE W/ RIPRAP	6-10/36
32	H	4	E	COBBLES W/ RIPRAP	6-10/24
32	HB	4	E	COBBLES W/ RIPRAP	6-10/24
33	A	38	A	SILT & COBBLES	3-6
33	B	35	A	SILT & COBBLES	0-3
33	C	30	A	SILT W/ ROCK BELOW	
33	D	24	A	SILT W/ ROCK BELOW	
33	E	19	A	SILT W/ ROCK BELOW	
33	F	14	A	SILT W/ RIPRAP	0/12-20
33	G	8	E	COBBLE W/ RIPRAP	6-10/20-24
33	H	6	A	COBBLES W/ RIPRAP	6-10/20

ESPLANADE PLAZA					
BENT NO.	PILE NO.	REPAIR LENGTH (FT)	REPAIR TYPE	MUDLINE CONDITION (ROCK, COBBLE, SILT)	TYPICAL ROCK SIZE (IN. DIAM.)
33	HB	6	A	COBBLES W/ RIPRAP	6-10/20
34	A	37	A	SILT & COBBLES	0-3
34	B	34	A	SILT & COBBLES	0-3
34	C	30	A	SILT W/ ROCK BELOW	
34	D	23	A	SILT W/ ROCK BELOW	
34	E	18	A	SILT W/ ROCK BELOW	
34	F	12	E	SILT W/ RIPRAP	2-36
34	G	8	E	COBBLE W/ RIPRAP	6-10/24-30
34	H	6	A	COBBLES W/ RIPRAP	6-10/18
34	HB	6	A	COBBLES W/ RIPRAP	6-10/18
35	A	39	A	SILT & COBBLES	0-3
35	B	35	A	SILT & COBBLES	0-3
35	C	30	A	SILT W/ ROCK BELOW	
35	D	23	A	SILT W/ ROCK BELOW	
35	E	18	A	SILT W/ ROCK BELOW	
35	F	14	A	SILT & COBBLES W/ RIPRAP	3-6/20
35	G	7	E	COBBLE W/ RIPRAP	6-10/24
35	H	4	E	COBBLES W/ RIPRAP	6-10/20-30
35	HB	4	E	COBBLES W/ RIPRAP	6-10/20-30
36	A	38	A	SAND, SILT W/ ROCK BELOW	
36	B.7	29	A	SILT	
36	D.3	20	A	SILT W/ ROCK BELOW	
36	F	11	E	SILT W/ RIPRAP	20-30
36	H	4	E	RIPRAP	20-30
37	A	39	A	SAND, SILT W/ ROCK BELOW	
37	B.7	30	A	SILT	
37	D.3	21	A	SILT W/ ROCK BELOW	
37	F	12	E	SILT W/ RIPRAP	20-40
37	H	4	E	RIPRAP	20-30
37	HB	4	E	RIPRAP	20-30
38	A	41	A	SILT & COBBLES W/ CONC CHUNKS W/ ROCK BELOW	0-2
38	B	37	A	SILT W/ ROCK BELOW	
38	C	30	A	SILT W/ ROCK BELOW	
38	D	23	A	SILT W/ ROCK BELOW	
38	E	19	A	SILT W/ ROCK BELOW	
38	F	12	E	SILT & COBBLES W/ RIPRAP	3-6/36
38	G	7	E	COBBLE W/ RIPRAP	3-6/24-30
38	H	5	E	RIPRAP	20-30
38	HB	5	E	RIPRAP	20-30
39	A	38	A	SILT W/ ROCK BELOW	
39	B	36	A	SILT W/ ROCK BELOW	
39	C	29	A	SILT W/ ROCK BELOW	
39	D	22	A	SILT W/ ROCK BELOW	
39	E	16	A	SILT W/ ROCK BELOW	
39	F	10	E	SILT W/ ROCK BELOW	20
39	G	6	E	COBBLE W/ ROCK	36
39	H	5	E	ROCK	40
39	HB	5	E	ROCK	40
40	A	37	A	SILT & COBBLES W/ ROCK BELOW	1-3

ESPLANADE PLAZA					
BENT NO.	PILE NO.	REPAIR LENGTH (FT)	REPAIR TYPE	MUDLINE CONDITION (ROCK, COBBLE, SILT)	TYPICAL ROCK SIZE (IN. DIAM.)
40	B	33	A	SILT W/ ROCK BELOW	
40	C	29	A	SILT W/ ROCK BELOW	
40	D	22	A	SILT W/ ROCK BELOW	
40	E	15	A	SILT W/ ROCK BELOW	
40	F	11	E	SILT/SAND (FACE 1)-RIP RAP (FACE 4)	20
40	G	8	E	ROCK	40
40	H	5	E	ROCK	20-30
40	HB	5	E	ROCK	20-30
41	A	37.5	A	SILT & COBBLES W/ ROCK BELOW	0-3/12-18
41	B	34.5	A	SILT & COBBLES	3
41	C	28.5	A	SILT & COBBLES W/ ROCK BELOW	3
41	D	23.5	A	SILT & COBBLES W/ ROCK BELOW	3
41	E	18.5	A	SILT & COBBLES W/ ROCK BELOW	3
41	F	11.5	E	SAND, SILT & COBBLES W/ RIPRAP	3-12/30
41	G	6.5	E	COBBLES AND RIPRAP	6-10/20 TO 24
41	H	4.5	E	COBBLES AND RIPRAP	6-10/20 TO 24
41	HB	4.5	E	COBBLES AND RIPRAP	6-10/20 TO 24
42	A	39	A	SILT & GRAVEL W/ ROCK BELOW	
42	B	37	A	SILT W/ ROCK BELOW	
42	C	30	A	SILT W/ ROCK BELOW	
42	D	25	A	SILT W/ ROCK BELOW	
42	E	19	A	SILT W/ ROCK BELOW	
42	F	15	A	SILT & GRAVEL W/ ROCK BELOW	10-12
42	G	8	E	COBBLES AND RIPRAP	3-6/36
42	H	4	E	COBBLES AND RIPRAP	6-10/20 TO 24
42	HB	4	E	COBBLES AND RIPRAP	6-10/20 TO 24
43	A	39	A	SILT W/ ROCK BELOW	
43	B	38	A	SILT W/ ROCK BELOW	
43	C	31	A	SILT W/ ROCK BELOW	
43	D	25	A	SILT W/ ROCK BELOW	
43	E	19	A	SILT W/ ROCK BELOW	3
43	F	15	A	SILT W/ ROCK BELOW	3
43	G	7	E	RIPRAP	12-24/30
43	H	4	E	COBBLES AND RIPRAP	6-10/24
43	HB	4	E	COBBLES AND RIPRAP	6-10/24

OWNER/ CLIENT

NEW YORK

STATE OF OPPORTUNITY.

Battery Park City Authority

PRIME CONSULTANT

m&n engineering, p.c.

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(212) 768-7454


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DIAM.)</th></tr><tr><td>93</td><td>A</td><td>32</td><td>A</td><td>GRAVEL</td><td></td></tr><tr><td>93</td><td>B</td><td>31</td><td>A</td><td>MUD</td><td></td></tr><tr><td>93</td><td>C</td><td>25</td><td>A</td><td>MUD</td><td></td></tr><tr><td>93</td><td>D</td><td>20</td><td>A</td><td>MUD</td><td></td></tr><tr><td>93</td><td>E</td><td>16</td><td>A</td><td>COBBLE</td><td>3-6</td></tr><tr><td>93</td><td>F</td><td>12</td><td>A</td><td>ROCK</td><td>12-18</td></tr><tr><td>93</td><td>G</td><td>5</td><td>E</td><td>ROCK</td><td>12-20</td></tr><tr><td>93</td><td>H</td><td>3</td><td>E</td><td>ROCK</td><td>12-24</td></tr><tr><td>93</td><td>HB</td><td>3</td><td>E</td><td>ROCK</td><td>12-24</td></tr><tr><td>94</td><td>A</td><td>33</td><td>A</td><td>MUD</td><td></td></tr><tr><td>94</td><td>B</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>94</td><td>C</td><td>25</td><td>A</td><td>MUD</td><td></td></tr><tr><td>94</td><td>D</td><td>20</td><td>A</td><td>GRAVEL/MUD</td><td></td></tr><tr><td>94</td><td>E</td><td>15</td><td>A</td><td>COBBLE/MUD</td><td>3-6</td></tr><tr><td>94</td><td>F</td><td>11</td><td>A</td><td>ROCK</td><td>12-18</td></tr><tr><td>94</td><td>G</td><td>5</td><td>E</td><td>ROCK</td><td>24</td></tr><tr><td>94</td><td>H</td><td>5</td><td>A</td><td>ROCK</td><td>6-12</td></tr><tr><td>94</td><td>HB</td><td>5</td><td>A</td><td>ROCK</td><td>6-12</td></tr><tr><td>95</td><td>A</td><td>32</td><td>A</td><td>SILTY GRAVEL</td><td></td></tr><tr><td>95</td><td>B</td><td>31</td><td>A</td><td>MUD</td><td></td></tr><tr><td>95</td><td>C</td><td>24</td><td>A</td><td>MUD</td><td></td></tr><tr><td>95</td><td>D</td><td>19</td><td>A</td><td>GRAVEL/MUD</td><td></td></tr><tr><td>95</td><td>E</td><td>15</td><td>A</td><td>COBBLE</td><td>3-6</td></tr><tr><td>95</td><td>F</td><td>11</td><td>A</td><td>COBBLE</td><td>3-6</td></tr><tr><td>95</td><td>G</td><td>7</td><td>A</td><td>ROCK</td><td>18</td></tr><tr><td>95</td><td>H</td><td>5</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>95</td><td>HB</td><td>5</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>96</td><td>A</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>96</td><td>B</td><td>31</td><td>A</td><td>MUD</td><td></td></tr><tr><td>96</td><td>C</td><td>25</td><td>A</td><td>MUD</td><td></td></tr><tr><td>96</td><td>D</td><td>19</td><td>A</td><td>MUD</td><td></td></tr><tr><td>96</td><td>E</td><td>15</td><td>A</td><td>COBBLE/GRAVEL</td><td>6</td></tr><tr><td>96</td><td>F</td><td>11</td><td>A</td><td>COBBLE/ROCK</td><td>6-8</td></tr><tr><td>96</td><td>G</td><td>7</td><td>A</td><td>ROCK/COBBLE</td><td>6-18</td></tr><tr><td>96</td><td>H</td><td>5</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>96</td><td>HB</td><td>5</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>97</td><td>A</td><td>32</td><td>A</td><td>SILTY MUD</td><td></td></tr><tr><td>97</td><td>B</td><td>31</td><td>A</td><td>SILTY MUD</td><td></td></tr><tr><td>97</td><td>C</td><td>25</td><td>A</td><td>SILTY MUD</td><td></td></tr><tr><td>97</td><td>D</td><td>20</td><td>A</td><td>SILTY MUD</td><td></td></tr><tr><td>97</td><td>E</td><td>15</td><td>A</td><td>F1/ SILTY MUD F3/COBBLE</td><td>3-6</td></tr><tr><td>97</td><td>F</td><td>11</td><td>A</td><td>COBBLE/ROCK</td><td>6-8</td></tr><tr><td>97</td><td>G</td><td>5</td><td>E</td><td>ROCK</td><td>12-30</td></tr><tr><td>97</td><td>H</td><td>5</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>97</td><td>HB</td><td>5</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>98</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>98</td><td>A.9</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>98</td><td>B</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>98</td><td>C</td><td>15</td><td>A</td><td>MUD</td><td></td></tr><tr><td>98</td><td>D</td><td>25</td><td>A</td><td>MUD/SILT</td><td></td></tr><tr><td>98</td><td>E</td><td>16</td><td>A</td><td>MUD/COBBLE</td><td>6-8</td></tr><tr><td>98</td><td>F</td><td>12</td><td>A</td><td>COBBLE/ROCK</td><td>6-8</td></tr></table>										ROCKEFELLER PARK ESPLANADE						BENT NO.	PILE NO.	REPAIR LENGTH (FT)	REPAIR TYPE	MUDLINE CONDITION (ROCK, COBBLE, SILT)	TYPICAL ROCK SIZE (IN. DIAM.)	93	A	32	A	GRAVEL		93	B	31	A	MUD		93	C	25	A	MUD		93	D	20	A	MUD		93	E	16	A	COBBLE	3-6	93	F	12	A	ROCK	12-18	93	G	5	E	ROCK	12-20	93	H	3	E	ROCK	12-24	93	HB	3	E	ROCK	12-24	94	A	33	A	MUD		94	B	32	A	MUD		94	C	25	A	MUD		94	D	20	A	GRAVEL/MUD		94	E	15	A	COBBLE/MUD	3-6	94	F	11	A	ROCK	12-18	94	G	5	E	ROCK	24	94	H	5	A	ROCK	6-12	94	HB	5	A	ROCK	6-12	95	A	32	A	SILTY GRAVEL		95	B	31	A	MUD		95	C	24	A	MUD		95	D	19	A	GRAVEL/MUD		95	E	15	A	COBBLE	3-6	95	F	11	A	COBBLE	3-6	95	G	7	A	ROCK	18	95	H	5	A	ROCK	6-18	95	HB	5	A	ROCK	6-18	96	A	32	A	MUD		96	B	31	A	MUD		96	C	25	A	MUD		96	D	19	A	MUD		96	E	15	A	COBBLE/GRAVEL	6	96	F	11	A	COBBLE/ROCK	6-8	96	G	7	A	ROCK/COBBLE	6-18	96	H	5	A	ROCK	6-18	96	HB	5	A	ROCK	6-18	97	A	32	A	SILTY MUD		97	B	31	A	SILTY MUD		97	C	25	A	SILTY MUD		97	D	20	A	SILTY MUD		97	E	15	A	F1/ SILTY MUD F3/COBBLE	3-6	97	F	11	A	COBBLE/ROCK	6-8	97	G	5	E	ROCK	12-30	97	H	5	A	ROCK	6-18	97	HB	5	A	ROCK	6-18	98	A	34	A	MUD		98	A.9	32	A	MUD		98	B	32	A	MUD		98	C	15	A	MUD		98	D	25	A	MUD/SILT		98	E	16	A	MUD/COBBLE	6-8	98	F	12	A	COBBLE/ROCK	6-8							
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DIAM.)</th></tr><tr><td>98</td><td>G</td><td>5</td><td>E</td><td>ROCK</td><td>12-30</td></tr><tr><td>98</td><td>H</td><td>5</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>98</td><td>HB</td><td>5</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>99</td><td>A</td><td>34</td><td>A</td><td>GRAVEL/ MUD</td><td>1-3</td></tr><tr><td>99</td><td>B</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>99</td><td>C</td><td>25</td><td>A</td><td>MUD</td><td></td></tr><tr><td>99</td><td>D</td><td>20</td><td>A</td><td>MUD</td><td></td></tr><tr><td>99</td><td>E</td><td>16</td><td>A</td><td>MUD/COBBLE</td><td>1-3</td></tr><tr><td>99</td><td>F</td><td>12</td><td>A</td><td>COBBLE</td><td>1-6</td></tr><tr><td>99</td><td>G</td><td>4</td><td>E</td><td>ROCK</td><td>12-30</td></tr><tr><td>99</td><td>H</td><td>3</td><td>E</td><td>ROCK</td><td>24-30</td></tr><tr><td>99</td><td>HB</td><td>3</td><td>E</td><td>ROCK</td><td>24-30</td></tr><tr><td>100</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>100</td><td>C</td><td>24</td><td>A</td><td>MUD</td><td></td></tr><tr><td>100</td><td>D.7</td><td>16</td><td>A</td><td>MUD</td><td></td></tr><tr><td>100</td><td>F.3</td><td>9</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>100</td><td>H</td><td>3</td><td>E</td><td>ROCK</td><td>24-30</td></tr><tr><td>101</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>101</td><td>C</td><td>24</td><td>A</td><td>MUD</td><td></td></tr><tr><td>101</td><td>D.7</td><td>16</td><td>A</td><td>MUD</td><td></td></tr><tr><td>101</td><td>F.3</td><td>9</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>101</td><td>H</td><td>3</td><td>E</td><td>ROCK</td><td>24-30</td></tr><tr><td>101</td><td>HB</td><td>3</td><td>E</td><td>ROCK</td><td>24-30</td></tr><tr><td>102</td><td>A</td><td>34</td><td>A</td><td>SAND/GRAVEL</td><td></td></tr><tr><td>102</td><td>B</td><td>22</td><td>A</td><td>MUD</td><td></td></tr><tr><td>102</td><td>C</td><td>25</td><td>A</td><td>MUD</td><td></td></tr><tr><td>102</td><td>D</td><td>20</td><td>A</td><td>MUD</td><td></td></tr><tr><td>102</td><td>E</td><td>16</td><td>A</td><td>MUD</td><td></td></tr><tr><td>102</td><td>F</td><td>13</td><td>A</td><td>MUD/SHELL</td><td></td></tr><tr><td>102</td><td>G</td><td>6</td><td>E</td><td>COBBLE/ROCK</td><td>12-48</td></tr><tr><td>102</td><td>H</td><td>6</td><td>A</td><td>ROCK</td><td>12-18</td></tr><tr><td>102</td><td>HB</td><td>7</td><td>A</td><td>ROCK</td><td>12-18</td></tr><tr><td>103</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>103</td><td>B</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>103</td><td>C</td><td>26</td><td>A</td><td>MUD</td><td></td></tr><tr><td>103</td><td>D</td><td>20</td><td>A</td><td>MUD</td><td></td></tr><tr><td>103</td><td>E</td><td>16</td><td>A</td><td>MUD</td><td></td></tr><tr><td>103</td><td>F</td><td>12</td><td>A</td><td>COBBLE</td><td>6-8</td></tr><tr><td>103</td><td>G</td><td>6</td><td>E</td><td>ROCK</td><td>24</td></tr><tr><td>103</td><td>H</td><td>5</td><td>E</td><td>ROCK</td><td>12-24</td></tr><tr><td>103</td><td>HB</td><td>5</td><td>E</td><td>ROCK</td><td>12-24</td></tr><tr><td>104</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>104</td><td>B</td><td>33</td><td>A</td><td>MUD</td><td></td></tr><tr><td>104</td><td>C</td><td>26</td><td>A</td><td>MUD</td><td></td></tr><tr><td>104</td><td>D</td><td>20</td><td>A</td><td>MUD</td><td></td></tr><tr><td>104</td><td>E</td><td>16</td><td>A</td><td>MUD/COBBLE</td><td></td></tr><tr><td>104</td><td>F</td><td>11</td><td>A</td><td>COBBLE/RCCK</td><td>3-12</td></tr><tr><td>104</td><td>G</td><td>6</td><td>E</td><td>RIP RAP</td><td>3-6, UP TO 48</td></tr><tr><td>104</td><td>H</td><td>5</td><td>E</td><td>ROCK</td><td>24-36</td></tr><tr><td>104</td><td>HB</td><td>5</td><td>E</td><td>ROCK</td><td>24-36</td></tr><tr><td>105</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>105</td><td>B</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>105</td><td>C</td><td>26</td><td>A</td><td>MUD</td><td></td></tr></table>										ROCKEFELLER PARK ESPLANADE						BENT NO.	PILE NO.	REPAIR LENGTH (FT)	REPAIR TYPE	MUDLINE CONDITION (ROCK, COBBLE, SILT)	TYPICAL ROCK SIZE (IN. DIAM.)	98	G	5	E	ROCK	12-30	98	H	5	A	ROCK	6-18	98	HB	5	A	ROCK	6-18	99	A	34	A	GRAVEL/ MUD	1-3	99	B	32	A	MUD		99	C	25	A	MUD		99	D	20	A	MUD		99	E	16	A	MUD/COBBLE	1-3	99	F	12	A	COBBLE	1-6	99	G	4	E	ROCK	12-30	99	H	3	E	ROCK	24-30	99	HB	3	E	ROCK	24-30	100	A	34	A	MUD		100	C	24	A	MUD		100	D.7	16	A	MUD		100	F.3	9	A	ROCK	6-18	100	H	3	E	ROCK	24-30	101	A	34	A	MUD		101	C	24	A	MUD		101	D.7	16	A	MUD		101	F.3	9	A	ROCK	6-18	101	H	3	E	ROCK	24-30	101	HB	3	E	ROCK	24-30	102	A	34	A	SAND/GRAVEL		102	B	22	A	MUD		102	C	25	A	MUD		102	D	20	A	MUD		102	E	16	A	MUD		102	F	13	A	MUD/SHELL		102	G	6	E	COBBLE/ROCK	12-48	102	H	6	A	ROCK	12-18	102	HB	7	A	ROCK	12-18	103	A	34	A	MUD		103	B	32	A	MUD		103	C	26	A	MUD		103	D	20	A	MUD		103	E	16	A	MUD		103	F	12	A	COBBLE	6-8	103	G	6	E	ROCK	24	103	H	5	E	ROCK	12-24	103	HB	5	E	ROCK	12-24	104	A	34	A	MUD		104	B	33	A	MUD		104	C	26	A	MUD		104	D	20	A	MUD		104	E	16	A	MUD/COBBLE		104	F	11	A	COBBLE/RCCK	3-12	104	G	6	E	RIP RAP	3-6, UP TO 48	104	H	5	E	ROCK	24-36	104	HB	5	E	ROCK	24-36	105	A	34	A	MUD		105	B	32	A	MUD		105	C	26	A	MUD		
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DIAM.)</th></tr><tr><td>105</td><td>D</td><td>20</td><td>A</td><td>MUD</td><td></td></tr><tr><td>105</td><td>E</td><td>16</td><td>A</td><td>MUD</td><td></td></tr><tr><td>105</td><td>F</td><td>12</td><td>A</td><td>COBBLE</td><td>6-8</td></tr><tr><td>105</td><td>G</td><td>7</td><td>E</td><td>ROCK</td><td>40-60</td></tr><tr><td>105</td><td>H</td><td>7</td><td>A</td><td>COBBLE</td><td>3-6</td></tr><tr><td>105</td><td>HB</td><td>7</td><td>A</td><td>COBBLE</td><td>3-6</td></tr><tr><td>106</td><td>A</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>106</td><td>B</td><td>28</td><td>A</td><td>MUD</td><td></td></tr><tr><td>106</td><td>C</td><td>24</td><td>A</td><td>MUD</td><td></td></tr><tr><td>106</td><td>D</td><td>18</td><td>A</td><td>MUD</td><td></td></tr><tr><td>106</td><td>E</td><td>15</td><td>A</td><td>MUD</td><td></td></tr><tr><td>106</td><td>F</td><td>9</td><td>A</td><td>MUD/GRAVEL</td><td></td></tr><tr><td>106</td><td>G</td><td>4</td><td>E</td><td>RIPRAP</td><td>42</td></tr><tr><td>106</td><td>H</td><td>6</td><td>A</td><td>COBBLES</td><td>6</td></tr><tr><td>106</td><td>HB</td><td>6</td><td>A</td><td>COBBLES</td><td>6</td></tr><tr><td>107</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>107</td><td>B</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>107</td><td>C</td><td>25</td><td>A</td><td>MUD</td><td></td></tr><tr><td>107</td><td>D</td><td>19</td><td>A</td><td>MUD</td><td></td></tr><tr><td>107</td><td>E</td><td>15</td><td>A</td><td>MUD &amp; GRAVEL/MUD</td><td></td></tr><tr><td>107</td><td>F</td><td>11</td><td>A</td><td>COBBLES</td><td>6</td></tr><tr><td>107</td><td>G</td><td>4</td><td>E</td><td>RIPRAP</td><td>40</td></tr><tr><td>107</td><td>H</td><td>7</td><td>A</td><td>COBBLES</td><td>6</td></tr><tr><td>107</td><td>HB</td><td>7</td><td>A</td><td>COBBLES</td><td>6</td></tr><tr><td>108</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>108</td><td>B</td><td>30</td><td>A</td><td>MUD</td><td></td></tr><tr><td>108</td><td>C</td><td>25</td><td>A</td><td>MUD</td><td></td></tr><tr><td>108</td><td>D</td><td>19</td><td>A</td><td>MUD</td><td></td></tr><tr><td>108</td><td>E</td><td>15</td><td>A</td><td>MUD</td><td></td></tr><tr><td>108</td><td>F</td><td>11</td><td>A</td><td>MUD/COBBLES</td><td>2-7</td></tr><tr><td>108</td><td>G</td><td>5</td><td>E</td><td>COBBLES &amp; ROCK</td><td>32</td></tr><tr><td>108</td><td>H</td><td>7</td><td>A</td><td>COBBLES WITH ROCKS</td><td>20</td></tr><tr><td>108</td><td>HB</td><td>7</td><td>A</td><td>COBBLES WITH ROCKS</td><td>15</td></tr><tr><td>109</td><td>A</td><td>33</td><td>A</td><td>MUD</td><td></td></tr><tr><td>109</td><td>C</td><td>22</td><td>A</td><td>MUD</td><td></td></tr><tr><td>109</td><td>D.7</td><td>15</td><td>A</td><td>MUD</td><td></td></tr><tr><td>109</td><td>F.3</td><td>11</td><td>A</td><td>COBBLES/MUD</td><td>4-6</td></tr><tr><td>109</td><td>H</td><td>5</td><td>E</td><td>COBBLES WITH ROCKS</td><td>40</td></tr><tr><td>110</td><td>A</td><td>33</td><td>A</td><td>MUD</td><td></td></tr><tr><td>110</td><td>C</td><td>23</td><td>A</td><td>MUD</td><td></td></tr><tr><td>110</td><td>D.7</td><td>15</td><td>A</td><td>MUD</td><td></td></tr><tr><td>110</td><td>F.3</td><td>11</td><td>A</td><td>COBBLES/MUD</td><td>4-10</td></tr><tr><td>110</td><td>H</td><td>6</td><td>E</td><td>COBBLES WITH ROCKS</td><td>20</td></tr><tr><td>110</td><td>HB</td><td>6</td><td>E</td><td>COBBLES WITH ROCKS</td><td>30</td></tr><tr><td>111</td><td>A</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>111</td><td>B</td><td>30</td><td>A</td><td>MUD</td><td></td></tr><tr><td>111</td><td>C</td><td>24</td><td>A</td><td>MUD</td><td></td></tr></table>										ROCKEFELLER PARK ESPLANADE						BENT NO.	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DIAM.)	105	D	20	A	MUD		105	E	16	A	MUD		105	F	12	A	COBBLE	6-8	105	G	7	E	ROCK	40-60	105	H	7	A	COBBLE	3-6	105	HB	7	A	COBBLE	3-6	106	A	32	A	MUD		106	B	28	A	MUD		106	C	24	A	MUD		106	D	18	A	MUD		106	E	15	A	MUD		106	F	9	A	MUD/GRAVEL		106	G	4	E	RIPRAP	42	106	H	6	A	COBBLES	6	106	HB	6	A	COBBLES	6	107	A	34	A	MUD		107	B	32	A	MUD		107	C	25	A	MUD		107	D	19	A	MUD		107	E	15	A	MUD & GRAVEL/MUD		107	F	11	A	COBBLES	6	107	G	4	E	RIPRAP	40	107	H	7	A	COBBLES	6	107	HB	7	A	COBBLES	6	108	A	34	A	MUD		108	B	30	A	MUD		108	C	25	A	MUD		108	D	19	A	MUD		108	E	15	A	MUD		108	F	11	A	MUD/COBBLES	2-7	108	G	5	E	COBBLES & ROCK	32	108	H	7	A	COBBLES WITH ROCKS	20	108	HB	7	A	COBBLES WITH ROCKS	15	109	A	33	A	MUD		109	C	22	A	MUD		109	D.7	15	A	MUD		109	F.3	11	A	COBBLES/MUD	4-6	109	H	5	E	COBBLES WITH ROCKS	40	110	A	33	A	MUD		110	C	23	A	MUD		110	D.7	15	A	MUD		110	F.3	11	A	COBBLES/MUD	4-10	110	H	6	E	COBBLES WITH ROCKS	20	110	HB	6	E	COBBLES WITH ROCKS	30	111	A	32	A	MUD		111	B	30	A	MUD		111	C	24	A	MUD																																						
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DIAM.)</th></tr><tr><td>98</td><td>G</td><td>5</td><td>E</td><td>ROCK</td><td>12-30</td></tr><tr><td>98</td><td>H</td><td>5</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>98</td><td>HB</td><td>5</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>99</td><td>A</td><td>34</td><td>A</td><td>GRAVEL/ MUD</td><td>1-3</td></tr><tr><td>99</td><td>B</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>99</td><td>C</td><td>25</td><td>A</td><td>MUD</td><td></td></tr><tr><td>99</td><td>D</td><td>20</td><td>A</td><td>MUD</td><td></td></tr><tr><td>99</td><td>E</td><td>16</td><td>A</td><td>MUD/COBBLE</td><td>1-3</td></tr><tr><td>99</td><td>F</td><td>12</td><td>A</td><td>COBBLE</td><td>1-6</td></tr><tr><td>99</td><td>G</td><td>4</td><td>E</td><td>ROCK</td><td>12-30</td></tr><tr><td>99</td><td>H</td><td>3</td><td>E</td><td>ROCK</td><td>24-30</td></tr><tr><td>99</td><td>HB</td><td>3</td><td>E</td><td>ROCK</td><td>24-30</td></tr><tr><td>100</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>100</td><td>C</td><td>24</td><td>A</td><td>MUD</td><td></td></tr><tr><td>100</td><td>D.7</td><td>16</td><td>A</td><td>MUD</td><td></td></tr><tr><td>100</td><td>F.3</td><td>9</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>100</td><td>H</td><td>3</td><td>E</td><td>ROCK</td><td>24-30</td></tr><tr><td>101</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>101</td><td>C</td><td>24</td><td>A</td><td>MUD</td><td></td></tr><tr><td>101</td><td>D.7</td><td>16</td><td>A</td><td>MUD</td><td></td></tr><tr><td>101</td><td>F.3</td><td>9</td><td>A</td><td>ROCK</td><td>6-18</td></tr><tr><td>101</td><td>H</td><td>3</td><td>E</td><td>ROCK</td><td>24-30</td></tr><tr><td>101</td><td>HB</td><td>3</td><td>E</td><td>ROCK</td><td>24-30</td></tr><tr><td>102</td><td>A</td><td>34</td><td>A</td><td>SAND/GRAVEL</td><td></td></tr><tr><td>102</td><td>B</td><td>22</td><td>A</td><td>MUD</td><td></td></tr><tr><td>102</td><td>C</td><td>25</td><td>A</td><td>MUD</td><td></td></tr><tr><td>102</td><td>D</td><td>20</td><td>A</td><td>MUD</td><td></td></tr><tr><td>102</td><td>E</td><td>16</td><td>A</td><td>MUD</td><td></td></tr><tr><td>102</td><td>F</td><td>13</td><td>A</td><td>MUD/SHELL</td><td></td></tr><tr><td>102</td><td>G</td><td>6</td><td>E</td><td>COBBLE/ROCK</td><td>12-48</td></tr><tr><td>102</td><td>H</td><td>6</td><td>A</td><td>ROCK</td><td>12-18</td></tr><tr><td>102</td><td>HB</td><td>7</td><td>A</td><td>ROCK</td><td>12-18</td></tr><tr><td>103</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>103</td><td>B</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>103</td><td>C</td><td>26</td><td>A</td><td>MUD</td><td></td></tr><tr><td>103</td><td>D</td><td>20</td><td>A</td><td>MUD</td><td></td></tr><tr><td>103</td><td>E</td><td>16</td><td>A</td><td>MUD</td><td></td></tr><tr><td>103</td><td>F</td><td>12</td><td>A</td><td>COBBLE</td><td>6-8</td></tr><tr><td>103</td><td>G</td><td>6</td><td>E</td><td>ROCK</td><td>24</td></tr><tr><td>103</td><td>H</td><td>5</td><td>E</td><td>ROCK</td><td>12-24</td></tr><tr><td>103</td><td>HB</td><td>5</td><td>E</td><td>ROCK</td><td>12-24</td></tr><tr><td>104</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>104</td><td>B</td><td>33</td><td>A</td><td>MUD</td><td></td></tr><tr><td>104</td><td>C</td><td>26</td><td>A</td><td>MUD</td><td></td></tr><tr><td>104</td><td>D</td><td>20</td><td>A</td><td>MUD</td><td></td></tr><tr><td>104</td><td>E</td><td>16</td><td>A</td><td>MUD/COBBLE</td><td></td></tr><tr><td>104</td><td>F</td><td>11</td><td>A</td><td>COBBLE/RCCK</td><td>3-12</td></tr><tr><td>104</td><td>G</td><td>6</td><td>E</td><td>RIP RAP</td><td>3-6, UP TO 48</td></tr><tr><td>104</td><td>H</td><td>5</td><td>E</td><td>ROCK</td><td>24-36</td></tr><tr><td>104</td><td>HB</td><td>5</td><td>E</td><td>ROCK</td><td>24-36</td></tr><tr><td>105</td><td>A</td><td>34</td><td>A</td><td>MUD</td><td></td></tr><tr><td>105</td><td>B</td><td>32</td><td>A</td><td>MUD</td><td></td></tr><tr><td>105</td><td>C</td><td>26</td><td>A</td><td>MUD</td><td></td></tr></table>										ROCKEFELLER PARK ESPLANADE						BENT NO.	PILE NO.	REPAIR LENGTH (FT)	REPAIR TYPE	MUDLINE CONDITION (ROCK, COBBLE, SILT)	TYPICAL ROCK SIZE (IN. DIAM.)	98	G	5	E	ROCK	12-30	98	H	5	A	ROCK	6-18	98	HB	5	A	ROCK	6-18	99	A	34	A	GRAVEL/ MUD	1-3	99	B	32	A	MUD		99	C	25	A	MUD		99	D	20	A	MUD		99	E	16	A	MUD/COBBLE	1-3	99	F	12	A	COBBLE	1-6	99	G	4	E	ROCK	12-30	99	H	3	E	ROCK	24-30	99	HB	3	E	ROCK	24-30	100	A	34	A	MUD		100	C	24	A	MUD		100	D.7	16	A	MUD		100	F.3	9	A	ROCK	6-18	100	H	3	E	ROCK	24-30	101	A	34	A	MUD		101	C	24	A	MUD		101	D.7	16	A	MUD		101	F.3	9	A	ROCK	6-18	101	H	3	E	ROCK	24-30	101	HB	3	E	ROCK	24-30	102	A	34	A	SAND/GRAVEL		102	B	22	A	MUD		102	C	25	A	MUD		102	D	20	A	MUD		102	E	16	A	MUD		102	F	13	A	MUD/SHELL		102	G	6	E	COBBLE/ROCK	12-48	102	H	6	A	ROCK	12-18	102	HB	7	A	ROCK	12-18	103	A	34	A	MUD		103	B	32	A	MUD		103	C	26	A	MUD		103	D	20	A	MUD		103	E	16	A	MUD		103	F	12	A	COBBLE	6-8	103	G	6	E	ROCK	24	103	H	5	E	ROCK	12-24	103	HB	5	E	ROCK	12-24	104	A	34	A	MUD		104	B	33	A	MUD		104	C	26	A	MUD		104	D	20	A	MUD		104	E	16	A	MUD/COBBLE		104	F	11	A	COBBLE/RCCK	3-12	104	G	6	E	RIP RAP	3-6, UP TO 48	104	H	5	E	ROCK	24-36	104	HB	5	E	ROCK	24-36	105	A	34	A	MUD		105	B	32	A	MUD		105	C	26	A	MUD		
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102	G	6	E	COBBLE/ROCK	12-48																																																																																																																																																																																																																																																																																																																																																
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OWNER/ CLIENT	<div><div><div>NEW YORK</div><div>STATE OF OPPORTUNITY.</div></div><div>Battery Park City Authority</div></div>
PRIME CONSULTANT	<div><div><div>m&amp;n engineering, p.c.</div><div>529 FIFTH AVENUE, 14TH FLOOR NEW YORK, NY 10017 (212) 768-7454</div></div></div>
	</





D

C

B

A

1

2

3

4

5

NORTH ESPLANADE					
BENT NO.	PILE NO.	REPAIR LENGTH (FT)	REPAIR TYPE	MUDLINE CONDITION (ROCK, COBBLE, SILT)	TYPICAL ROCK SIZE (IN. DIAM.)
1	A	12	A	SAND/GRAVEL	
1	B	10	A	SAND/GRAVEL	
1	C	8	A	SAND/GRAVEL/COBBLE	18
1	D	4	E	ROCK	36
1	E	6	A	ROCK	12
1	EB		N/A		
2	A	13	A	SAND/GRAVEL	
2	B	12	A	SAND/GRAVEL	
2	C	7	E	SAND/GRAVEL W/ROCK	18–30
2	D		N/A		
2	E	2	E	ROCK	18
3	A	13	A	SAND/GRAVEL	
3	B	10	A	SAND/ GRAVEL	
3	C	7	E	SAND/GRAVEL W/ROCK	30
3	D		N/A		
3	E		N/A		
3	EB		N/A		
4	A	13	A	SAND/GRAVEL	
4	B	10	A	SAND	
4	C	6	E	ROCK	30
4	D	4	E	ROCK	30
4	E		N/A		
5	A	14	A	SAND/GRAVEL	
5	B	12	A	SAND/GRAVEL	
5	C	9	A	SAND/GRAVEL W/ROCK	30
5	D	2	E	ROCK	18
5	E		N/A		
5	EB		N/A		
6	A	14	A	SAND/GRAVEL	
6	B	13	A	SAND/GRAVEL	
6	C	7	E	SAND/GRAVEL W/ROCK	30
6	D	2	E	ROCK	30
6	E		N/A		
7	A	14	A	SAND AND GRAVEL	
7	B	13	A	SAND AND GRAVEL	
7	C	7	E	SAND/GRAVEL W/ROCK	24
7	D		N/A		
7	E		N/A		
7	EB		N/A		
8	A	15	A	SAND/GRAVEL	
8	B	14	A	SAND/GRAVEL	
8	C	7	E	ROCK AND COBBLES	18
8	D	3	E	ROCK	12–24
8	E		N/A		
9	A	15	A	SILT	
9	B	13	A	SAND/GRAVEL	
9	C	7	E	ROCK	18

NORTH ESPLANADE					
BENT NO.	PILE NO.	REPAIR LENGTH (FT)	REPAIR TYPE	MUDLINE CONDITION (ROCK, COBBLE, SILT)	TYPICAL ROCK SIZE (IN. DIAM.)
9	D		N/A		
9	E		N/A		
9	EB		N/A		
10	A	15	A	MUD	
10	B	13	A	COBBLE	6
10	C	8	A	ROCK	18
10	D	5	A	ROCK	24, MOVEABLE
10	E		N/A		
11	A	15	A	SILT	
11	B	13	A	SILT	
11	C	11	A	COBBLE	12
11	D	3	E	ROCK	36
11	E		N/A		
11	EB		N/A	SILT	
12	A	14	A	SAND	
12	B	12	A	SAND	
12	C	9	A	SAND	
12	D	4	E	ROCK	36
12	E		N/A		
13	A	15	A	MUD	
13	C	10	A	COBBLE	6
13	D	7	A	COBBLE	12
13	E		N/A		
13	EB		N/A		
14	A	15	A	MUD	12
14	C	11	A	ROCK/COBBLE	12
14	D	3	E	ROCK	36
14	E	3	A	ROCK	12
15	A	14	A	MUD	
15	B	13	A	MUD/COBBLE	6
15	C	7	E	ROCK	48
15	D		N/A		
15	E		N/A		
15	EB		N/A		
16	A	14	A	MUD	
16	B	13	A	MUD/ COBBLE	6
16	C	7	E	ROCK	36
16	D		N/A		
16	E		N/A		
17	A	15	A	MUD	
17	B	14	A	MUD	
17	C	8	E	ROCK	36
17	D	1	E	ROCK	36
17	E		N/A		
17	EB		N/A		
18	A	15	A	MUD	
18	B	14	A	COBBLE	10
18	C	8	E	ROCK	36
18	D	1	E	ROCK	24
18	E		N/A		
19	A	15	A	GRAVEL	3
19	B	14	A	GRAVEL	6–8
19	C	9	A	ROCK	12
19	D	3	A	ROCK	12

NORTH ESPLANADE					
BENT NO.	PILE NO.	REPAIR LENGTH (FT)	REPAIR TYPE	MUDLINE CONDITION (ROCK, COBBLE, SILT)	TYPICAL ROCK SIZE (IN. DIAM.)
19	E		N/A		
19	EB		N/A		
20	A	11	A	MUD AND GRAVEL	
20	B	11	A	GRAVEL	
20	C	3	E	ROCK	36
20	D	3	E	ROCK	36
20	E		N/A		
21	A	12	A	MUD	
21	B	10	A	GRAVEL	3
21	C	6	A	GRAVEL	12 AVG, UP TO 34
21	D	4	E	ROCK	36
21	E	3	E	ROCK	36
21	EB		N/A		
22	A	12	A		
22	B	11	A	MUD	
22	C	7	E	ROCK	48
22	D	3	E	ROCK	36
22	E	3	A	GRAVEL	3
23	A	14	A	GRAVEL	3
23	B	11	A	GRAVEL	3
23	C	5	E	RIP RAP	36
23	D	2	E	ROCK	24
23	E		N/A		
23	EB		N/A		
24	A	13	A	SAND AND COBBLES	6
24	B	11	A	SAND AND COBBLES	8
24	C	5	E	ROCK	36
24	D	3	E	ROCK	36
24	E	2	E	ROCK	36
25	A	14	A	MUD	
25	B	13	A	MUD	
25	C	7	A	SAND AND COBBLES	14
25	D	4	A	SAND AND COBBLES	10
25	E	3	A	ROCK	5
25	EB	3	A	LARGE ROCK	5
26	A	12	A	SAND AND COBBLES	3
27	A	6	A	SAND AND COBBLES	4
27	B	6	A	SAND AND COBBLES	4
28	A	5	A	ROCK AND SAND	6
28	AB	5	A	ROCK AND SAND	4
28	B	4	A	ROCK AND SAND	14

NOTE:

N/A – DENOTES NOT ACCESSIBLE FOR INSPECTION.

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**EXHIBIT H**

**(Acknowledgement of Addenda)**

**RFP TITLE:** \_\_\_\_\_

<b>Complete Part I <u>or</u> Part II, whichever is applicable, and sign your name in Part III.</b>
--

**Part I**

Listed below are the dates of issue for each Addendum received in connection with this RFP:

Addendum # 1, Dated \_\_\_\_\_, \_\_\_\_

Addendum # 2, Dated \_\_\_\_\_, \_\_\_\_

Addendum # 3, Dated \_\_\_\_\_, \_\_\_\_

Addendum # 4, Dated \_\_\_\_\_, \_\_\_\_

Addendum # 5, Dated \_\_\_\_\_, \_\_\_\_

Addendum # 6, Dated \_\_\_\_\_, \_\_\_\_

**Part II Acknowledgement of No Receipt**

\_\_\_\_\_ No Addendum was received in connection with this RFP

**Part III**

Proposer's Name: \_\_\_\_\_

Proposer's Authorized Representative:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**EXHIBIT I**

**List of BPCA & BPCPC Board Members and Employees**

**LIST OF BOARD MEMBERS**

George J. Tsunis

Donald Capoccia

Lester Petracca

Martha J. Gallo

Anthony Kendall

Louis J. Bevilacqua

Catherine McVay Hughes

**Employees:**

Betzayda Abreu  
Deborah Addison  
Curtis Afzal  
Elsa Alvarez  
Dana Anders  
Anthony Andriano  
Stephen Arciold  
Sharmila Baichu  
Marie Baptiste  
Brett Beecham  
Freddy Belliard  
Marieke Bender  
Marcus Billups  
Emily Birdseye  
Nidia Blake-Reeder  
LaToya Brooks-Jones  
Nancy Buivid  
Anthony Buquicchio  
Peter Campbell  
Frances Caperchi  
Monica Centeno  
Farely Compres  
Julissa Cooke  
Sarah Fisher-Curtin  
Gwen Dawson  
Nicole Dawson  
Gilbert DePadua  
Paul Diaz-Larui  
Tonasia Dopson  
Jennifer Dudgeon  
Abigail Ehrlich  
Maria Ellison  
Richard Faraino  
Anitra Fauntleroy  
Claudia Filomena  
Tamara Flores  
Pamela Frederick  
James Gallagher  
Abigail Goldenberg  
Anastasia Gonzalez  
Lenron Goode  
Neresa Gordon  
Sakina Graves  
Ned Greenberg  
Evelyn Gregg  
Jonathan Gross  
Robert Hansen  
Nicole Heater

Sankar Heerah  
Robert Hinkelman  
Craig Hudon  
Jake Jacevicius  
Amy Jogie  
William John  
Jasmine Johnson  
Benjamin Jones  
Roland Kemp  
Ann Ketring  
Susie Kim  
Karl Koenig  
Leandro Lafuente  
Michael LaMancusa  
Della Lee  
Rene Lopcy  
Janira Lopez  
Robert Maggi  
Evelin Maisonet  
Jonathan McCain  
Princess McNeill  
Justin McLaughlin-Williams  
Brian Meikle  
Vanessa Mesine  
Ronnie Mohammed  
Dana Morgera  
Irene Moulketis  
Eric Munson  
Lauren Murtha  
Bertha Narcisse  
Jahmeliah Nathan  
Robert Nesmith  
Siu May Ng  
Yoshihiro Nishida  
Anne O'Neill  
Maril Ortiz  
Bienvenido Osorio  
Kevin O'Toole  
Hector Oyola  
Willem Paillant  
Jonathan Parker  
Nimisha Haribaran Patel  
Gladys Pearlman  
Dahlia Pena  
Bruno Pomponio  
Katherine Powell  
Sandra Power

Robert Quon  
Jason Rachnowitz  
Madelin Ramirez  
Aline Reynolds  
Chad Rimer  
Manual Rivera  
Anthony Robinson  
Kim Robledo  
Nelson Rogers  
Jose Rosado  
Holly Ross  
Carlos Santiago  
Nicholas Sbordone  
Jean Schwartz  
Iphigenia Seong  
Rekha Sewraj  
Sean Simon  
Kemnarine Singh  
Sarah Smedley  
Bruce Spierer  
Shinay Stewart  
Jerome Sturiano  
Lance Super  
John Tam  
Alexis Torres  
Ryan Torres  
Douglas Van Horn  
Noe Velasquez  
Evangelio Villalobos  
Jeffrey Vixamar  
Sharon Wade  
David Wallace  
Annalise Warren  
Eric White  
Dwight Williams  
Kenneth Windman  
Al Wright  
Erin Yokoi  
Nishida Yoshihiro  
Alaura Zayas