The following revisions and/or clarifications are to be made to the scope of work for the Request for Proposals for “Police Memorial and North Cove Marina Electrical Vault Resilience Project Construction Services.”

### Clarifications / Revisions:

1. The attached Plans and Specifications are hereby incorporated into the scope of work to be performed in connection with this RFP. A general list of the plan changes is provided below; however proposers are solely responsible for identifying and incorporating all components of the revised Plans and Specifications in their proposals and adjusting their cost proposals as needed.

#### Plan Revisions

<table>
<thead>
<tr>
<th>Sheet #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 103.00, A 302.00</td>
<td>HATCHES IN STAIR CORRECTED TO REFLECT SINGLE BUILDING CONDITION (2/A 103 AND SECTIONS A AND B ON SHEET A 302)</td>
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<td>A 302.00</td>
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<td>A-000.00</td>
<td>ZONING AND GENERAL INFORMATION ADDED</td>
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<td>A 001.00</td>
<td>DRAWING LIST ADDED</td>
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<td>A 002, A 003</td>
<td>SHEET A 001 BECOMES A 002, A002 BECOMES A 003</td>
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<td>A 104.00</td>
<td>FLOURESCENT CHOSEN (LIGHTING SCHEDULE)</td>
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<td>DETAIL 8 - RECESSED PAVING TRAY ADDED (VISIBLE IN PLAN ON A 002, A 101, A 102)</td>
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<td>A 101, A 102</td>
<td>REMOVAL OF NEW DRAINS FROM SCOPE</td>
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<td>RELOCATION OF DRAIN AT DOOR OF EAST VAULT</td>
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<td>REGRADING OF PAVERS ADDED FOR DRAINAGE</td>
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<td>A 302.00</td>
<td>DRAINAGE CHANNEL AT STAIRS ADDED (SECTIONS A AND B)</td>
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<td>A 101, A 102</td>
<td>EXISTING EAST HATCH AT NORTH COVE VAULT TO BE DEMOLISHED AND REPAVED</td>
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<td>DETAIL 2 - NEW AND TRANSPLANTING PLANTING DETAIL</td>
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<td>F 100 - F 400</td>
<td>FOUNTAIN DRAWINGS ADDED</td>
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#### Technical Specification Revisions:

00 010 10 – TABLE OF CONTENTS: Delete sections with strikeouts: 01 45 33, 26 05 43, 26 05 46, 26 05 54. Sections not used.

Delete Section 08 51 13 – ALUMINUM WINDOWS and replace with Section 08 43 13 – ALUMINUM-FRAMED STOREFRONTS.

00 01 15 – LIST OF DRAWING SHEETS – List of Architectural sheets changed from list of August 28, 2015
04 42 00 – EXTERIOR STONE CLADDING: 1.02 Related Sections, B. Delete “Section 07 62 00 – Sheet Metal Flashing and Trim and replace with Section 07 13 00 – Pre-Applied and Self Adhering Sheet Membrane Waterproofing.

08 43 13 – ALUMINUM-FRAMED STOREFRONT: Added with this addendum to replace Section 08 51 13 - Aluminum Windows.

08 80 00 – GLAZING: Added with this addendum specifying different type of glass to replace previous Section 08 80 00 dated August 28, 2015.

By signing the line below, I am acknowledging that all pages of the addendum have been received, reviewed and understood, and will be incorporated into the proposal and bid price submitted. This document must be attached to the Proposal for consideration.

________________________             ________________________________________
Print Name    Signature      Date

Number of pages received: ______________ <fill in>
- Upgrade, repair/replace existing conduits
- Provide new electrical and low voltage connections to new vaults

- Remove pavers and slab for new trench with electrical and low voltage connections, from tree 1 to tree 4. Material to remain in place.

- Hatched areas denote Fort Authority Water Tunnel Right-Of-Ways.

- Existing Police Memorial Vault Below
- Existing North Cove Vault Below

- New West Vault
- New East Vault

- HATCHED AREAS DENOTE PORT AUTHORITY WATER TUNNEL RIGHT-OF-WAYS

- New gray granite curb

- Contractor to notify BPCA when root ball for tree 4 is exposed before cutting roots.

- New gray granite curb

- Contractor to notify BPCA when root ball for tree 4 is exposed before cutting roots.

- New gray granite curb

- Tree #1
- Tree #4
- Tree #5

- New West Vault
- New East Vault

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EXISTING TREE TO REMAIN. PROVIDE PROTECTION.

NEW PLANTING IN THIS AREA.

EXISTING TREE TO REMAIN. PROVIDE PROTECTION.

NEW PLANTING IN THIS AREA.

EXISTING NORTH COVE VAULT

EXISTING HATCH TO REMAIN.

NEW GRANITE CURBING AND STEPS 12" ABOVE PLAZA LEVEL

EXISTING 6" HEX PAVERS

PAINT EXISTING FENCE

NO EXCAVATION BEYOND THIS LINE

EXISTING HATCH TO REMAIN.

EXISTING HATCH TO BE DEMOLISHED AND BUILT BACK WITH PAVERS TO MATCH EXISTING.

EXISTING TREE TO REMAIN.

PAINT PINK GRANITE WALLS WHERE CUT

PATCH AND REPAIR PINK GRANITE PAVING TO MATCH EXISTING.

NEW GRANITE CURBING AND STEPS

EXISTING HATCH TO REMAIN

EXISTING VAULT TO BE DEMOLISHED AND BUILT BACK WITH PAVERS TO MATCH EXISTING

EXISTING VAULT TO MATCH EXISTING

SLOPE ENTIRE SURFACE TOWARD EXISTING THROUGHWAY TO POLICE MEMORIAL AND PUMPHOUSE PARK.

PATCH AND REPAIR PINK GRANITE PAVING TO MATCH EXISTING.

NEW GRANITE CURBING TO MATCH EXISTING

EXISTING HATCH TO MATCH EXISTING VAULT BELOW.

SAME SIZE FOR DOGS.

NEW HATCH TO COVER EXISTING VAULT BELOW.

SEE 8/A500 FOR DETAILS.

100 Year Flood -

10 Year Flood -

100 Year Flood -

10 Year Flood -
NEW PLANTING IN THIS AREA

PINK GRANITE BAND TO REMAIN

6" HEX PAVERS TO MATCH EXISTING PINK GRANITE PAVING

REPAIR PINK GRANITE WALLS WHERE CUT

TURF BLOCK IN HATCHED AREA

TURF BLOCK IN HATCHED AREA

PINK GRANITE PAVERS TO MATCH EXISTING

3' - 9"

3' - 1 1/2"

4' - 2 1/2"

7' - 0"

15' - 0"

4' - 1 1/2"

3' - 4 1/2"

3' - 0"

1' - 0"

1' - 0"

20' - 8 1/2"

3' - 0"

TURF BLOCK IN HATCHED AREA

GRAY GRANITE STEPS AND CURBING 12" HIGH

SEE MEP DRAWINGS FOR ALL EQUIPMENT LOCATIONS

SEE MEP DRAWINGS FOR ALL EQUIPMENT LOCATIONS

WEST VAULT

EXISTING VAULT BELOW

EAST VAULT

SEE MEP DRAWINGS FOR ALL EQUIPMENT LOCATIONS

3/8" = 1'-0" 100 Year Flood
3/8" = 1'-0"1 Top of Wall
3/8" = 1'-0"2 Plan at Vault Floors
(2) 2" X 6" NOMINAL CEDAR BEAM WITH 1 1/2" CONTINUOUS STEEL FLITCH PLATE (SEE S-DRAWINGS FOR DETAILS)
3 1/2" X 7" CEDAR GLULAM GIRDER TYP.
LINE OF CLERESTORY GLASS
3" X 3" STEEL POST PLATE MOUNTED TO CONCRETE WALL AT EACH CLERESTORY POST LOCATION
STANDING SEAM METAL ROOF; 1 3/4" VERTICAL SEAM, 18" PANELS
### Site Lighting

<table>
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<tr>
<th>Key</th>
<th>Information</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Dimensions</th>
<th>Notes</th>
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<td>A</td>
<td>DECK MOUNTED PLAZA LIGHT</td>
<td>DECO LIGHTING</td>
<td>SIG7-LED-1-9-W-25</td>
<td>4.09&quot; X 4.25&quot; X 3.54&quot;</td>
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<td>B</td>
<td>STEP LIGHT IN RISERS</td>
<td>DECO LIGHTING</td>
<td>SIG7-LED-2-9-W-15</td>
<td>2.72&quot; X 3.81&quot; X 2.36&quot;</td>
<td>FLUSH MOUNT IN RISER</td>
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<td>C</td>
<td>UPTURNED FLUORESCENT LIGHT</td>
<td>BARTCO LIGHTING</td>
<td>BFLSA-28/120/DL</td>
<td>1.95&quot; X 1&quot; X 46.06&quot;</td>
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**Battery Park City - North Cove**

**A-104.00**
NOTE:
PIPE AND CONDUIT ROUTING IS DIAGRAMMATIC AND IN SOME Instances EXAGGERATED FOR CLARITY. REFER TO FOUNTAIN GENERAL NOTES, SHEET F4.21 FOR FURTHER INSTRUCTIONS AND INFORMATION.

PRELIMINARY DESIGN NOT FOR CONSTRUCTION

NOTE:
REFER TO FOUNTAIN STRUCTURAL DETAILS AND ARCHITECTURAL/HARDSCAPE PLANS FOR CONSTRUCTION INFORMATION, INCLUDING SLOPES, ELEVATIONS, FINISHES, FINAL EQUIPMENT LOCATIONS ETC. THAT ARE NOT SHOWN ON THESE PLANS.
NOTE:
PIPE AND CONDUIT ROUTING IS DIAGRAMMATIC AND IN SOME INSTANCE EXAGGERATED FOR CLARITY. REFER TO FOUNTAIN GENERAL NOTES, SHEET F4.21 FOR FURTHER INSTRUCTIONS AND INFORMATION.

PRELIMINARY DESIGN NOT FOR CONSTRUCTION
NOTE:
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NOTE:
ALL VOLTAGE DROP CALCULATIONS ASSUME 3% VD FROM CONTROL PANEL TO LOAD AND 2% VD FROM SERVICE TO CONTROL PANEL.
ALL CONDUIT TO USE LONG RADIUS ELBOWS IN ALL TURNS.
NOTE: ALL VOLTAGE DROP CALCULATIONS ASSUME 3% VD FROM CONTROL PANEL TO LOAD AND 2% VD FROM SERVICE TO CONTROL PANEL.
ALL CONDUIT TO USE LONG RADIUS ELBOWS IN ALL TURNS.

NOTES: INCLUDED - PRESS, SCHRAMM'S, FABRICATED FROM GALVANIZED STEEL.
BACKPLATE - FABRICATED FROM COLD ROLLED STEEL.
PAINTED WHITE.
SECTION 08 80 00 - GLAZING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Glass.
B. Glazing gaskets, compounds and accessories.

1.02 RELATED REQUIREMENTS

A. Section 07 25 00 - Weather Barriers.
B. Section 07 90 05 - Joint Sealers: Sealant and back-up material.
C. Section 08 43 13 - Aluminum-Framed Storefronts: Glazing furnished by storefront manufacturer.
D. Section 08 51 13 - Aluminum Windows: Glazing furnished by window manufacturer.
E. Section 08 63 00 - Metal-Framed Skylights: Glazing furnished by skylight manufacturer.
F. Section 10 28 00 - Toilet and Bath Accessories: Mirrors.

1.03 REFERENCE STANDARDS

F. GANA (GM) - GANA Glazing Manual; Glass Association of North America; 2009.
G. GANA (SM) - GANA Sealant Manual; Glass Association of North America; 2008.

1.04 ADMINISTRATIVE REQUIREMENTS

A. Preinstallation Meeting: Convene a preinstallation meeting one week before starting work of this section; require attendance by all affected installers.

1.05 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
B. Product Data on Glass Types: Provide structural, physical and environmental characteristics, size limitations, special handling or installation requirements.
C. Samples: Submit two samples 12 by 12 inch in size of glass units.
D. Samples: Submit 2 inch long bead of glazing sealant, color as selected.
E. Certificates: Certify that products meet or exceed specified requirements.
F. Manufacturer's Certificate: Certify that laminated glass meets or exceeds specified requirements.

1.06 QUALITY ASSURANCE

B. Installer Qualifications: Company specializing in performing the work of this section with minimum three years documented experience.

1.07 MOCK-UP
A. See Section 01 40 00 - Quality Requirements, for additional mock-up requirements.
B. Provide mock-up of typical storefront module including glass.
C. Locate where directed by Architect.
D. Mock-up may remain as part of the Work.

1.08 FIELD CONDITIONS
A. Do not install glazing when ambient temperature is less than 50 degrees F.
B. Maintain minimum ambient temperature before, during and 24 hours after installation of glazing compounds.

1.09 WARRANTY
A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
B. Sealed Insulating Glass Units: Provide a ten (10) year warranty to include coverage for seal failure, interpane dusting or misting, including replacement of failed units.
C. Decorative Plastic Glazing Film: Warranty Period: 10 years from date of original installation.

PART 2 PRODUCTS

2.01 GLAZING UNITS
A. Type S-1 - Single Vision Glazing:
   1. Application: All exterior storefront glazing.
   2. Type: Laminated float glass.
   3. Tint: Clear.
   4. Thickness: 1/4 inch.

2.02 EXTERIOR GLAZING ASSEMBLIES
A. Performance Criteria: Select type and thickness of glass to withstand dead and live loads caused by positive and negative wind pressure acting normal to plane of glass.
   1. Design Pressure: Calculated in accordance with applicable codes.
   2. Comply with ASTM E1300 for design load resistance of glass type, thickness, dimensions, and maximum lateral deflection of supported glass.
   3. Provide glass edge support system sufficiently stiff to limit the lateral deflection of supported glass edges to less than 1/175 of their lengths under specified design load.
   4. Use the procedure specified in ASTM E1300 to determine glass type and thickness.
   5. Limit glass deflection to 1/200 or flexure limit of glass, whichever is less, with full recovery of glazing materials.
   6. Glass thicknesses listed are minimum.
B. Air and Vapor Seals: Provide completed assemblies that maintain continuity of building enclosure vapor retarder and air barrier:
   1. In conjunction with vapor retarder and joint sealer materials described in other sections.
   2. To maintain a continuous air barrier and vapor retarder throughout the glazed assembly from glass pane to heel bead of glazing sealant.

2.03 GLASS MATERIALS
A. Float Glass Manufacturers:
   4. Old Castle Glass: oldcastlebe.com
8. Substitutions: Refer to Section 01 60 00 - Product Requirements.

B. Float Glass: Provide float glass based glazing unless noted otherwise.
   1. Annealed Type: ASTM C1036, Type I - Transparent Flat, Class 1 - Clear, Quality-Q3.
   2. Heat-Strengthened and Fully Tempered Types: ASTM C1048, Kind HS and Kind FT.
   3. Thicknesses: As indicated; for exterior glazing comply with requirements indicated for wind load design regardless of thickness indicated.

C. Laminated Glass: Float glass laminated in accordance with ASTM C1172.
   1. Laminated Safety Glass: Comply with 16 CFR 1201 test requirements for Category II.
   2. Plastic Interlayer:
      a. Polyvinyl Butyral (PVB) Interlayer: 0.030 inch thick, minimum.
   3. Manufacturers:
      d. Substitutions: Refer to Section 01 60 00 - Product Requirements.

2.04 GLAZING ACCESSORIES
   A. Setting Blocks: Neoprene, 80 to 90 Shore A durometer hardness; ASTM C864 Option II. Length of 0.1 inch for each square foot of glazing or minimum 4 inch x width of glazing rabbet space minus 1/16 inch x height to suit glazing method and pane weight and area.
   B. Spacer Shims: Neoprene, 50 to 60 Shore A durometer hardness; ASTM C864 Option II. Minimum 3 inch long x one half the height of the glazing stop x thickness to suit application, self adhesive on one face.
   C. Glazing Gaskets: Resilient replaceable EPDM rubber extruded shape to suit glazing channel retaining slot; ASTM C864 Option II; black color.

2.05 SOURCE QUALITY CONTROL
   A. See Section 01 40 00 - Quality Requirements, for additional requirements.
   B. Provide shop inspection and testing for all glass.

PART 3 EXECUTION
3.01 EXAMINATION
   A. Verify that openings for glazing are correctly sized and within tolerance.
   B. Verify that surfaces of glazing channels or recesses are clean, free of obstructions that may impede moisture movement, weeps are clear, and ready to receive glazing.

3.02 PREPARATION
   A. Clean contact surfaces with solvent and wipe dry.
   B. Seal porous glazing channels or recesses with substrate compatible primer or sealer.

3.03 INSTALLATION - EXTERIOR/INTERIOR DRY METHOD (GASKET GLAZING)
   A. Place setting blocks at 1/4 points with edge block no more than 6 inch from corners.
   B. Rest glazing on setting blocks and push against fixed stop with sufficient pressure on gasket to attain full contact.
   C. Install removable stops without displacing glazing gasket; exert pressure for full continuous contact.

3.04 FIELD QUALITY CONTROL
   A. Glass and Glazing product manufacturers to provide field surveillance of the installation of their products.
   B. Monitor and report installation procedures and unacceptable conditions.
3.05 CLEANING
   A. Remove glazing materials from finish surfaces.
   B. Remove labels after Work is complete.
   C. Clean glass and adjacent surfaces.

3.06 PROTECTION
   A. After installation, mark pane with an 'X' by using removable plastic tape or paste; do not mark
      heat absorbing or reflective glass units.

3.07 SCHEDULE
   A. Aluminum-Framed Storefront Glazing: Typical, exterior dry method, and glass thickness as
      required to comply with performance requirements indicated in Section 08 43 13.

END OF SECTION
SECTION 08 43 13 - ALUMINUM-FRAMED STOREFRONTS

PART 1 GENERAL

1.01 SECTION INCLUDES
A. Aluminum-framed storefront, with vision glass.

1.02 RELATED REQUIREMENTS
A. Section 07 25 00 - Weather Barriers: Sealing framing to weather barrier installed on adjacent construction.
B. Section 07 84 00 - Firestopping: Firestop at system junction with structure.
C. Section 08 80 00 - Glazing: Glass and glazing accessories.

1.03 REFERENCE STANDARDS
A. AAMA CW-10 - Care and Handling of Architectural Aluminum From Shop to Site; American Architectural Manufacturers Association; 2012.
B. AAMA 501.2 - Field Check of Metal Storefronts, Curtain Walls, and Sloped Glazing Systems for Water Leakage; American Architectural Manufacturers Association; 2009 (part of AAMA 501).
E. ASCE 7 - Minimum Design Loads for Buildings and Other Structures; American Society of Civil Engineers; 2011.

1.04 ADMINISTRATIVE REQUIREMENTS
A. Coordinate with installation of other components that comprise the exterior enclosure.
B. Preinstallation Meeting: Conduct a preinstallation meeting one week before starting work of this section; require attendance by all affected installers.

1.05 PERFORMANCE REQUIREMENTS
A. Design and size components to withstand the following load requirements without damage or permanent set, when tested in accordance with ASTM E 330, using loads 1.5 times the design wind loads and 10 second duration of maximum load.
   1. Design Wind Loads: Comply with requirements of the Building code of the City of New York.
   2. Member Deflection: Limit member deflection to flexure limit of glass in any direction, with full recovery of glazing materials.
B. Movement: Accommodate movement between storefront and perimeter framing and deflection of lintel, without damage to components or deterioration of seals.
C. Air Infiltration: Limit air infiltration through assembly to 0.06 cu ft/min/sq ft of wall area, measured at a reference differential pressure across assembly of 6.24 psf as measured in accordance with ASTM E 283.

D. Water Leakage: None, when measured in accordance with ASTM E 331 with a test pressure difference of 8.00 lbf/sq ft.

E. System Internal Drainage: Drain to the exterior by means of a weep drainage network any water entering joints, condensation occurring in glazing channel, and migrating moisture occurring within system.

F. Air and Vapor Seal: Maintain continuous air barrier and vapor retarder throughout assembly, primarily in line with inside pane of glass and heel bead of glazing compound.

G. Expansion/Contraction: Provide for expansion and contraction within system components caused by cycling temperature range of 170 degrees F over a 12 hour period without causing detrimental effect to system components, anchorages, and other building elements.

H. Windborne-Debris-Impact-Performance: Shall be tested in accordance with ASTM E 1886 and information in ASTM E 1886 and information in ASTM E 1996 and/or AAMA 506.
   1. Large-Missile Impact: For aluminum-framed systems located within 30 feet of grade.

1.06 SUBMITTALS
A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
B. Product Data: Provide component dimensions, describe components within assembly, anchorage and fasteners, glass and infill, internal drainage details.
C. Shop Drawings: Indicate system dimensions, framed opening requirements and tolerances, affected related Work, expansion and contraction joint location and details, and field welding required.
D. Samples: Submit two mullion section samples 4-1/2"x 6" inches in size illustrating finished aluminum surface, glass, infill panels, glazing materials.
E. Manufacturer's Certificate: Certify that the products supplied meet or exceed the specified requirements.
F. Design Data: Provide framing member structural and physical characteristics, engineering calculations, and dimensional limitations.
G. Samples: Submit two samples 6 x 6 inches in size illustrating finished aluminum surface, glass, infill panels, glazing materials.
H. Manufacturer's Certificate: Certify that the products supplied meet or exceed the specified requirements.
I. Report of field testing for water leakage.
J. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.07 QUALITY ASSURANCE
A. Designer Qualifications: Design structural support framing components under direct supervision of a Professional Structural Engineer experienced in design of this Work and licensed at New York State.
B. Manufacturer and Installer Qualifications: Company specializing in manufacturing aluminum glazing systems with minimum three years of documented experience.

1.08 MOCKUPS
A. Build mockups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials an execution.
   1. Build mockup of typical fixed lite and adjacent glazed door.

1.09 DELIVERY, STORAGE, AND HANDLING
A. Handle products of this section in accordance with AAMA CW-10.
B. Protect finished aluminum surfaces with wrapping. Do not use adhesive papers or sprayed coatings that bond to aluminum when exposed to sunlight or weather.

1.10 FIELD CONDITIONS
A. Do not install sealants when ambient temperature is less than 40 degrees F. Maintain this minimum temperature during and 48 hours after installation.

1.11 WARRANTY
A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
B. Correct defective Work within a five year period after Date of Substantial Completion.
C. Provide ten year manufacturer warranty against failure of glass seal on insulating glass units, including interpane dusting or misting. Include provision for replacement of failed units.
D. Provide ten year manufacturer warranty against excessive degradation of exterior finish. Include provision for replacement of units with excessive fading, chalking, or flaking.

PART 2 PRODUCTS
2.01 BASIS OF DESIGN -- FRAMING FOR MONOLITHIC GLAZING
A. Wind-Borne-Debris Resistance Tested:
B. Front/Outside-Set Style:
   1. Basis of Design: Kawneer, EnCORE Framing System.
   2. Vertical Mullion Dimensions: 1-3/4 inches wide by 3-9/16 inches deep..
C. Other Manufacturers: Provide either the product identified as "Basis of Design" or an equivalent product of one of the manufacturers listed below:
D. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 MANUFACTURERS
A. Basis of Design: See below under description of products.
B. Aluminum-Framed Storefront and Doors:
   2. Substitutions: See Section 01 60 00 - Product Requirements.

2.03 STOREFRONT
A. Aluminum-Framed Storefront: Factory fabricated, factory finished aluminum framing members with infill, and related flashings, anchorage and attachment devices.
   1. Unitized, shop assembly.
   2. Glazing Rabbet: For 1/4 inch monolithic laminated glazing.
   4. Design Wind Load: 30 psf, positive and negative.
   5. Water Leakage Test Pressure Differential: 8 lbf/sq ft.
   7. Overall U-Value Including Glazing: 1.02, maximum.
      a. Factory finish all surfaces that will be exposed in completed assemblies.
      b. Touch-up surfaces cut during fabrication so that no natural aluminum is visible in completed assemblies, including joint edges.
   9. Color: As selected from manufacturer's standards colors.
   10. Fabrication: Joints and corners flush, hairline, and weatherproof, accurately fitted and secured; prepared to receive anchors and hardware; fasteners and attachments concealed from view; reinforced as required for imposed loads.
12. System Internal Drainage: Drain to the exterior by means of a weep drainage network any water entering joints, condensation occurring in glazing channel, and migrating moisture occurring within system.

13. Expansion/Contraction: Provide for expansion and contraction within system components caused by cycling temperature range of 170 degrees F over a 12 hour period without causing detrimental effect to system components, anchorages, and other building elements.

14. Movement: Allow for movement between storefront and adjacent construction, without damage to components or deterioration of seals.

15. Perimeter Clearance: Minimize space between framing members and adjacent construction while allowing expected movement.

16. Air and Vapor Seal: Maintain continuous air barrier and vapor retarder throughout assembly, primarily in line with inside pane of glazing and inner sheet of infill panel and heel bead of glazing compound.

17. Preparation for Window Treatments: Provide reinforced interior horizontal head rail.

B. Performance Requirements:

1. Wind Loads: Design and size components to withstand the specified load requirements without damage or permanent set, when tested in accordance with ASTM E330/E330M, using loads 1.5 times the design wind loads and 10 second duration of maximum load.
   a. Design Wind Loads: Comply with requirements of ASCE 7.
   b. Member Deflection: Limit member deflection to flexure limit of glass in any direction, with full recovery of glazing materials.

2. Wind-Borne-Debris Resistance: Identical full-size glazed assembly without auxiliary protection, tested by independent agency in accordance with ASTM E1996 for Wind Zone 2 - Enhanced Protection for Large and Small Missile impact and pressure cycling at design wind pressure.

3. Water Penetration Resistance: No uncontrolled water on interior face, when tested in accordance with ASTM E331 at pressure differential of 8.00 lbf/sq ft.

4. Air Leakage: Maximum of 0.06 cu ft/min/sq ft of wall area, when tested in accordance with ASTM E283 at 6.24 pounds per square foot pressure differential across assembly.

5. Movement: Accommodate movement between storefront and perimeter framing and deflection of lintel, without damage to components or deterioration of seals.

6. Air Infiltration: Limit air infiltration through assembly to 0.06 cu ft/min/sq ft of wall area, measured at specified differential pressure across assembly in accordance with ASTM E283.

7. Condensation Resistance Factor: Measure in accordance with AAMA 1503 with 1 inch insulating glass installed.

8. Water Leakage: None, when measured in accordance with ASTM E331 at specified pressure differential.

9. System Internal Drainage: Drain to the exterior by means of a weep drainage network any water entering joints, condensation occurring in glazing channel, and migrating moisture occurring within system.

10. Air and Vapor Seal: Maintain continuous air barrier and vapor retarder throughout assembly, primarily in line with inside pane of glass and inner sheet of infill panel and heel bead of glazing compound.

11. Expansion/Contraction: Provide for expansion and contraction within system components caused by cycling temperature range of 170 degrees F over a 12 hour period without causing detrimental effect to system components, anchorages, and other building elements.

2.04 COMPONENTS

A. Aluminum Framing Members: Tubular aluminum sections, drainage holes and internal weep drainage system.


2. Cross-Section: As indicated on drawings.

B. Glazing: As specified in Section 08 80 00.

2.05 MATERIALS
B. Structural Steel Sections: ASTM A36/A36M; galvanized in accordance with requirements of ASTM A123/A123M.
C. Fasteners: Stainless steel.
D. Exposed Flashings: Aluminum sheet, 20 gage, 0.032 inch minimum thickness; finish to match framing members.
E. Concealed Flashings: Stainless steel, 26 gage, 0.0187 inch minimum thickness.
F. Sill Flashing Sealant: Elastomeric, silicone or polyurethane, compatible with flashing material.
G. Perimeter Sealant: Type 1 specified in Section 07 90 05.
H. Perimeter Sealant: Type 1 specified in Section 07 92 00
I. Glass: As specified in Section 08 80 00.
   1. Glass in Exterior Framing: Type S-1.
J. Glazing Gaskets: Type to suit application to achieve weather, moisture, and air infiltration requirements.
K. Glazing Accessories: As specified in Section 08 80 00.
L. Touch-Up Primer for Galvanized Steel Surfaces: SSPC-Paint 20, zinc rich.

2.06 FINISHES
A. Superior Performing Organic Coatings: AAMA 2605 multiple coat, thermally cured polyvinylidene fluoride system.
   1. Polyvinylidene fluoride (PVDF) multi-coat thermoplastic fluoropolymer coating system, including minimum 70 percent PVDF color topcoat and minimum total dry film thickness of 0.9 mil; color and gloss as indicated on drawings.
      a. Products:
         2) PPG Metal Coatings; Duranar: www.ppgideascapes.com.
         3) Substitutions: See Section 01 60 00 - Product Requirements.
B. Color: As selected by Architect from manufacturer’s standard range.
C. Touch-Up Materials: As recommended by coating manufacturer for field application.

2.07 FABRICATION
A. Fabricate components with minimum clearances and shim spacing around perimeter of assembly, yet enabling installation and dynamic movement of perimeter seal.
B. Accurately fit and secure joints and corners. Make joints flush, hairline, and weatherproof.
C. Prepare components to receive anchor devices. Fabricate anchors.
D. Coat concealed metal surfaces that will be in contact with cementitious materials or dissimilar metals with bituminous paint.
E. Arrange fasteners and attachments to conceal from view.
F. Reinforce framing members for imposed loads.
G. Finishing: Apply factory finish to all surfaces that will be exposed in completed assemblies.
   1. Touch-up surfaces cut during fabrication so that no natural aluminum is visible in completed assemblies, including joint edges.
PART 3 EXECUTION

3.01 EXAMINATION
A. Verify dimensions, tolerances, and method of attachment with other work.
B. Verify that wall openings and adjoining air and vapor seal materials are ready to receive work of this section.

3.02 INSTALLATION
A. Install window wall system in accordance with manufacturer's instructions.
B. Attach to structure to permit sufficient adjustment to accommodate construction tolerances and other irregularities.
C. Provide alignment attachments and shims to permanently fasten system to building structure.
D. Align assembly plumb and level, free of warp or twist. Maintain assembly dimensional tolerances, aligning with adjacent work.
E. Provide thermal isolation where components penetrate or disrupt building insulation.
F. Install sill flashings. Turn up ends and edges; seal to adjacent work to form water tight dam.
G. Where fasteners penetrate sill flashings, make watertight by seating and sealing fastener heads to sill flashing.
H. Coordinate attachment and seal of perimeter air and vapor barrier materials.
I. Pack fibrous insulation in shim spaces at perimeter of assembly to maintain continuity of thermal barrier.
J. Install hardware using templates provided.
K. Install glass and infill panels in accordance with Section 08 80 00, using glazing method required to achieve performance criteria.
L. Install perimeter sealant in accordance with Section 07 90 05.
M. Touch-up minor damage to factory applied finish; replace components that cannot be satisfactorily repaired.

3.03 TOLERANCES
A. Maximum Variation from Plumb: 0.06 inches every 3 ft non-cumulative or 1/16 inches per 10 ft, whichever is less.
B. Maximum Misalignment of Two Adjoining Members Abutting in Plane: 1/32 inch.

3.04 FIELD QUALITY CONTROL
A. See Section 01 40 00 - Quality Requirements, for independent testing and inspection requirements. Inspection will monitor quality of installation and glazing.
B. Test installed storefront for water penetration in accordance with ASTM E1105 with a uniform test pressure difference of 2.86 lbf/sq ft. Test shall include a minimum of 3 cycles, each lasting a minimum of 5 minutes.

3.05 CLEANING
A. Remove protective material from pre-finished aluminum surfaces.
B. Remove excess sealant by method acceptable to sealant manufacturer.

3.06 PROTECTION
A. Protect installed products from damage during subsequent construction.

END OF SECTION
PART 1 GENERAL

1.01 SECTION INCLUDES
A. Air Barriers: Materials that form a system to stop passage of air through exterior walls and joints around frames of openings in exterior walls.

1.02 RELATED REQUIREMENTS
A. Section 07 46 23 - Wood Siding: Exterior rain screen outside of water resistive air barrier.
B. Section 07 54 00 - Thermoplastic Membrane Roofing: Vapor retarder installed as part of roofing system.
C. Section 07 90 05 - Joint Sealers: Sealant materials and installation techniques.

1.03 DEFINITIONS
A. Weather Barrier: Assemblies that form either water-resistive barriers, air barriers, or vapor retarders.
B. Air Barrier: Air tight barrier made of material that is relatively air impermeable but water vapor permeable, both to the degree specified, with sealed seams and with sealed joints to adjacent surfaces. Note: For the purposes of this specification, vapor impermeable air barriers are classified as vapor retarders.

1.04 REFERENCE STANDARDS

1.05 SUBMITTALS
A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
B. Product Data: Provide data on material characteristics, performance criteria, and limitations.
   1. When feasible all air barriers membranes and accessories such as transition membranes, flashing membranes, mastics, sealants, primers and tapes) shall be furnished by the same manufacturer. When products from a variety of manufacturers are used, a letter must be obtained from at least one manufacturer of the products in contact stating the materials proposed for use are permanently chemically compatible and adhesively compatible with adjacent materials proposed for use.
C. Shop Drawings: Provide drawings of special joint conditions.
D. Manufacturer's Installation Instructions: Indicate preparation.

1.06 FIELD CONDITIONS
A. Maintain temperature and humidity recommended by the materials manufacturers before, during and after installation.

PART 2 PRODUCTS

2.01 WEATHER BARRIER ASSEMBLIES
A. Air Barrier: Behind exterior wood siding:
   1. On outside surface of single wythe concrete exterior walls use air barrier coating.
2.02 AIR BARRIER MATERIALS (WATER VAPOR PERMEABLE AND WATER-RESISTIVE)
   A. Air Barrier, Fluid Applied: Vapor permeable, elastomeric waterproofing.
   B. Air Barrier Coating:
      1. Material: Water-based acrylic or polymer-modified bitumen, with VOC content of zero.
      2. Acceptable Substrates: Stated by manufacturer as suitable for installation on visibly damp surfaces and concrete that has hardened but is not fully cured ("green" concrete) without requiring a primer.
      3. Dry Film Thickness (DFT): 10 mils (0.010 inch), minimum.
      4. Air Permeance: 0.004 cubic feet per minute per square foot, maximum, when tested in accordance with ASTM E2178.
      5. Water Vapor Permeance: 10 perms, minimum, when tested in accordance with ASTM E96/E96M.
      6. Dry Film Thickness: 40 mils (0.040 inch), minimum.
      7. Air Permeance: 0.004 cubic feet per square foot, maximum, when tested in accordance with ASTM E2178.
      8. Water Vapor Permeance: 12 perms, minimum, when tested in accordance with ASTM E96/E96M.
      9. Elongation: 300 percent, minimum, when tested in accordance with ASTM D412.
      10. Surface Burning Characteristics: Flame spread index of 25 or less, smoke developed index of 450 or less, when tested in accordance with ASTM E84.
      12. VOC Content: 25 g per L or less.
      15. Products:
         g. Substitutions: See Section 01 60 00 - Product Requirements.

2.03 SEALANTS
   A. Silicone Sealant: Type 1 as specified in Section 07 90 05.
   B. Sealant Backers: As specified in Section 07 90 05.
   C. Primers, Cleaners, and Other Sealant Materials: As recommended by sealant manufacturer, appropriate to application, and compatible with adjacent materials.

2.04 ACCESSORIES
   A. Sealants, Tapes, and Accessories for Sealing Weather Barrier and Sealing Weather Barrier to Adjacent Substrates: As specified or as recommended by weather barrier manufacturer.
   C. Thinner and Cleaners: As recommended by material manufacturer.

PART 3 EXECUTION
3.01 EXAMINATION
   A. Verify that surfaces and conditions are ready to accept the work of this section.
3.02 PREPARATION
A. Remove projections, protruding fasteners, and loose or foreign matter that might interfere with proper installation. Ensure gaps are filled, joints struck, CMU is dry, and all snags are gone.
B. Clean and prime substrate surfaces to receive adhesives in accordance with manufacturer's instructions.

3.03 INSTALLATION
A. Install materials in accordance with manufacturer's instructions.
B. Air Barriers: Install continuous air tight barrier over surfaces indicated, with sealed seams and with sealed joints to adjacent surfaces.
C. Apply sealants and adhesives within recommended application temperature ranges. Consult manufacturer if temperature is out of this range.
D. Coatings:
   1. Prepare substrate in manner recommended by coating manufacturer; treat joints in substrate and between dissimilar materials as recommended by manufacturer.
   2. At Transition between foundations and walls: Through wall flashing must be drapped from above to completely cover this joint and adhered to the face of the foundation wall
   3. Coating shall continuously cover end or edge of concrete floor and roof plank.
   4. Verify proper thickness using a wet mill gauge. Substrate shall not be visible.
   5. Use flashing to seal to adjacent construction and to bridge joints.
   6. Transition membranes shall be installed and sealed before insulation is installed on top. Seams shall be sealed with mastic type liquid membrane or with compatible sealant.
   7. For liquid applied membrane at adjacent building conditions in any locations where continuous air barrier on the exterior of the building cannot be installed, a low VOC product shall be installed on the interior at full height (top of plank to bottom of plank at each floor). This shall happen before any interior framing is installed.
   8. Transition membranes shall be installed and sealed before insulation is installed on top. Seams shall be sealed with mastic type liquid membrane or with compatible sealant.
E. Openings and Penetrations in Exterior Weather Barriers:
   1. Install flashing over entire rough opening, covering entire sill frame member, extending at least 5 inches onto weather barrier and at least 6 inches up jambs; mechanically fasten stretched edges.
   2. At openings to be filled with frames having nailing flanges, seal head and jamb flanges using a continuous bead of sealant compressed by flange and cover flanges with at least 4 inches wide; do not seal sill flange.
   3. At openings to be filled with non-flanged frames, seal weather barrier to all sides of opening framing, using flashing at least 9 inches wide, covering entire depth of framing.
   4. At head of openings, install flashing under weather barrier extending at least 2 inches beyond face of jambs; seal weather barrier to flashing.
   5. At interior face of openings, seal gap between window/door frame and rough framing, using joint sealant over backer rod.
   6. Service and Other Penetrations: Form flashing around penetrating item and seal to weather barrier surface with sealants compatible with all surfaces. Transition membranes shall be used to patch as necessary with seams sealed appropriately. Gaps shall be filled with backer rod as necessary and sealant compatible with all surfaces. Where smooth surfaces are present, mechanical gasket seals can be used.
F. Construction Joints: Sealing materials spanning joints between construction materials shall allow for expansion and contraction of the construction materials.

3.04 FIELD QUALITY CONTROL
A. Do not cover installed weather barriers until required inspections have been completed.
B. Obtain approval of installation procedures by the weather barrier manufacturer based on a mock-up installed in place, prior to proceeding with remainder of installation.
C. Take digital photographs of each portion of the installation prior to covering up.

3.05 PROTECTION

A. Do not leave materials exposed to weather longer than recommended by manufacturer.

END OF SECTION
SECTION 04 42 00 - EXTERIOR STONE CLADDING

PART 1 GENERAL

1.01 SECTION INCLUDES
   A. Cut granite veneer at exterior wall bases and stairs.
   B. Remove portion of existing pink granite wall cladding at bottom of new stair opening between new vaults.
      1. Sawcut stone to be removed at new stair opening.
      2. Store removed stone and reuse for patching sides of new stair opening.
   C. Metal anchors and supports.
   D. Sealing exterior joints.

1.02 RELATED REQUIREMENTS
   A. Section 05 50 00 - Metal Fabrications: Shelf angles and supports.
   B. Addendum No. 1:
      Section 07 13 00 - Pre-Applied and Self-Adhering Sheet Membrane Waterproofing: Self-Adhering Sheet Membrane Waterproofing on accessible concrete walls below grade.
   C. Section 07 92 00 - Joint Sealants: Sealing perimeter and expansion joints in stone work.

1.03 REFERENCE STANDARDS
   B. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2015.

1.04 ADMINISTRATIVE REQUIREMENTS
   A. Preinstallation Meeting: Convene one week before starting work of this section.

1.05 SUBMITTALS
   A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
   B. Product Data: Provide data on stone, mortar products, and sealant products.
   C. Shop Drawings: Indicate layout, pertinent dimensions, anchorages, head, jamb, and sill opening details, and jointing methods.
   D. Samples: Submit two stone samples 12 x12 inch in size, illustrating color range and texture, markings, surface finish.
   E. Samples: Submit mortar color samples.
   F. Installation Instructions: Submit stone fabricator's installation instructions and field erection or setting drawings; indicate panel identifying marks and locations on setting drawings.

1.06 QUALITY ASSURANCE
   A. Design anchors and supports under direct supervision of a Professional Structural Engineer, registered in New York State.
1. Design anchors to resist positive and negative wind pressures and other loads as required by applicable code.
2. Design anchor attachment to stone with a factor of safety of 5:1.
3. Design each individual anchor with a factor of safety in the vertical dead-load-bearing direction of 4:1 and in the horizontal lateral-load-bearing direction of 2:1.

B. Perform work in accordance with NBGQA (SPEC).
C. Stone Fabricator: Company specializing in fabricating cut stone with minimum ten years of documented experience.
D. Installer Qualifications: Company specializing in performing the work of this section with minimum five years of experience.

1.07 MOCK-UP
A. Construct stone wall mock-up, 3 feet long by 2 feet high, including stone anchor accessories, sill and head flashings, corner condition, typical control joint.
B. Locate where directed.
C. Mock-up may remain as part of the Work.

1.08 DELIVERY, STORAGE, AND HANDLING
A. Store stone panels vertically on edge, resting weight on panel edge.
B. Protect stone from discoloration.

1.09 FIELD CONDITIONS
A. During temporary storage on site, at the end of working day, and during rainy weather, cover stone work exposed to weather with non-staining waterproof coverings, securely anchored.

PART 2 PRODUCTS
2.01 STONE
A. Granite: _______; complying with ASTM C615/C615M.
   2. Color: To match coping stone at 9/11 memorial fountains.
   3. Acceptable Producers:
      a. Same producer as 9/11 memorial fountains.
      b. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 MORTAR
A. Mortar: As specified in Section 04 05 11 - Masonry Mortaring and Grouting.

2.03 ANCHORS AND ACCESSORIES
A. Anchors and Other Components in Contact with Stone: Stainless steel, ASTM A666, Type 304.
   1. Sizes and configurations: As required for vertical and horizontal support of stone and applicable loads.
   2. Wire ties are not permitted.
B. Support Components not in Contact with Stone: Stainless steel, ASTM A240/A240M, Type 304.
C. Setting Buttons and Shims: Lead type.
D. Flashings: Stainless steel; See Section 07 62 00 - Sheet Metal Flashing and Trim.
E. Joint Sealant: ASTM C920 silicone sealant with movement capability of at least plus/minus 25 percent and non-staining to stone when tested in accordance with ASTM C1248.
F. Joint Backer Rod: ASTM C1330 open cell polyurethane of size 40 to 50 percent larger in diameter than joint width.
G. Cleaning Solution: Type that will not harm stone, joint materials, or adjacent surfaces.

2.04 STONE FABRICATION
A. Thickness: 1-1/2 inch; Stair treads: Height of riser.
B. Panel Size: As indicated on drawings.
C. Fabrication Tolerances: In accordance with NBGQA (SPEC).
D. Fabricate units for uniform coloration between adjacent units and over the full area of the installation.
E. Where corner detail is not indicated, form external corners to quirk joint profile.
F. Slope exposed top surfaces of stone and horizontal surfaces for natural wash.

PART 3 EXECUTION

3.01 EXAMINATION
A. Verify that support work and site conditions are ready to receive work of this section.
B. Verify that items built-in under other sections are properly located and sized.

3.02 PREPARATION
A. Clean stone prior to erection. Do not use wire brushes or implements that will mark or damage exposed surfaces.

3.03 INSTALLATION
A. Install flashings of longest practical length and seal watertight to back-up. Lap end joint minimum 6 inches and seal watertight.
B. Set stone with a consistent joint width of 1/2 inch.
C. Install anchors and place setting buttons to support stone and to establish joint dimensions.
D. Joints in Exterior Work: Seal joints with joint sealant over backer rod, following sealant manufacturer's instructions; tool sealant surface to concave profile.

3.04 TOLERANCES
A. Positioning of Elements: Maximum 1/8 inch from true position.
B. Maximum Variation from Plane of Wall: 1/4 inch in 10 feet; 1/2 inch in 50 feet.
C. Maximum Variation Between Face Plane of Adjacent Panels: 1/16 inch.
D. Maximum Variation from Level Coursing: 1/8 inch in 3 feet; 1/4 inch in 10 feet; 1/2 inch maximum.
E. Maximum Variation of Joint Thickness: 1/8 inch in 3 feet.

3.05 CUTTING AND FITTING
A. Obtain approval prior to cutting or fitting any item not so indicated on Drawings.
B. Do not impair appearance or strength of stone work by cutting.

3.06 CLEANING
A. Remove excess joint material upon completion of work.
B. Clean soiled surfaces with cleaning solution.
C. Use non-metallic tools in cleaning operations.

END OF SECTION
# SECTION 00 01 15 - LIST OF DRAWING SHEETS

## NUMBER

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### ARCHITECTURAL

- **G-000.00** PROJECT INFORMATION
- **G-001.00** RENDERED VIEWS
- **A-000.00** SITE PLAN / PLOT PLAN
- **A-001.00** SITE PLAN
- **A-002.00** SITE PLAN EXISTING VAULT LEVEL
- **D-100.00** DEMOLITION, EXCAVATION AND PLANTING DETAIL
- **A-101.00** SITE PLAN
- **A-102.00** PROJECT PLAN
- **A-103.00** STRUCTURAL AND FOUNDATION PLANS
- **A-104.00** REFLECTED CEILING AND SITE LIGHTING PLAN
- **A-200.00** ELEVATIONS
- **A 301.00** SHORT SECTIONS
- **A-302.00** LONG SECTIONS
- **A-500.00** DETAILS
- **A-501.00** WINDOW ELEVATION DETAILS
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### STRUCTURAL

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- **SO-002.00** GENERAL NOTES
- **SO-003.00** GENERAL NOTES
- **SO-004.00** GENERAL NOTES
- **SO-005.00** GENERAL WOOD NOTES
- **FO-1C1.00** STRUCTURAL PLANS
- **SO-300.00** LAP SPLICE SCHEDULES
- **S2-100.00** TYPICAL CAISSON DETAILS AND SCHEDULE
- **S2-105.00** TYPICAL SLAB ON GRADE DETAILS
- **S2-107.00** TYPICAL SITE RETAINING WALL DETAILS AND SCHEDULE
- **S2-110.00** TYPICAL GRADE BEAM DETAILS
- **S2-110.1** TYPICAL GRADE BEAM DETAILS
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- **S3-200.00** TYPICAL CONCRETE SHEARWALL DETAILS
- **S3-201.00** TYPICAL CONCRETE SHEARWALL DETAILS
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- **S-101.00** FULL ROOF PLAN
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### PLUMBING

- **P-001.00** PLUMBING SYMBOLS LIST, NOTES & SPECIFICATIONS
- **P-300.00** PLUMBING WORK IN CONNECTION WITH POLICE MEMORIAL PLAZA, PUMPS AND CONTROLLERS RELOCATION
- **P-301.00** PLUMBING WORK IN CONNECTION WITH POLICE MEMORIAL PLAZA, PUMPS AND CONTROLLERS RELOCATION
MECHANICAL
M-001.00 MECHANICAL DRAWING LIST, SYMBOL, NOTES & ABBREVIATIONS
M-102.00 MECHANICAL FLOOR PLANS

ELECTRICAL
E-001.00 ELECTRICAL SYMBOL LIST, NOTES AND ABBREVIATIONS
E-100.00 ELECTRICAL EXISTING ELECTRICAL SERVICES AND DISTRIBUTION EQUIP. SERVING POLICE PLAZA
E-200.00 ELECTRICAL MODIFICATION OF EXISTING ELECT. SERVICE AND DIST. EQUIPMENT SERVING POLICE PLAZA AND MARINE (FLOOD RESILIENCE)
E-300.00 ELECTRICAL ELECT. WORK IN CONNECTION W/ POLICE MEMORIAL PLAZA PUMPS AND CONTROLLERS RELOCATION
E-400.00 ELECTRICAL ELECT. WORK IN CONNECTION W/ POLICE MEMORIAL PLAZA PUMPS AND CONTROLLERS RELOCATION DETAILS
E-500.00 ELECTRICAL ELECT. WORK IN CONNECTION W/ POLICE MEMORIAL PLAZA PUMPS AND CONTROLLERS RELOCATION DETAILS
E-600.00 ELECTRICAL ONE LINE DIAGRAM FOR NEW UTILITIES WEST AND EAST STRUCTURES
E-700.00 ELECTRICAL NEW WEST AND EAST UTILITIES STRUCTURE DETAIL

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  01 22 00 - UNIT PRICES
  01 23 00 - ALTERNATES
  01 30 00 - ADMINISTRATIVE REQUIREMENTS
  01 40 00 - QUALITY REQUIREMENTS
  01 42 19 - REFERENCE STANDARDS
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  05 52 13 - PIPE RAILINGS

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END OF SECTION