

## **Pre-Bid Addendum #1**

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### ***Response to RFI:***

1. Is there a budget?
  - a. Budget breakdown is as follows:
    - i. General Construction: \$1,330,000
    - ii. Mechanical Contract: \$210,000
    - iii. Electrical Contract: \$320,000
    - iv. Plumbing Contract: \$140,000
2. Who is responsible for cutting and patching, and excavation and backfill.
  - a. Cutting and patching, and excavation and backfill, shall be by each Prime as required by their work.
3. Who provides temporary utilities?
  - a. Water: As specified, existing water service is available for Contractor use. Additional connections required shall be installed by each Prime Contractor as needed.
  - b. Electrical: As specified, existing electrical service is available for Contractor use. Additional connections required shall be installed by each Prime Contractor as needed. Temporary lighting by Electrical Contractor.
  - c. Heat: As specified, temporary heat shall be provided by each Prime Contractor as needed for their work.
4. Is an office trailer required?
  - a. Provide a temporary trailer as specified.
5. The Multiple Contract Summary references and Elevator Contract?
  - a. See revised Multiple Contract Summary.

### ***Revisions to Drawings:***

6. **Revise** project address on Cover.
7. **Revise** Finish Schedule, Drawing A600.

### ***Revisions to Project Manual:***

8. **Revise** Sections 004116.01 'GC Bid Form' and 004116.03 'EC Bid Form' to include Alternate.
9. **Revise** Section 012100 'Allowances to correct designations.
10. **Revise** Section 015000 'Temporary Facilities and Controls' to add field office.
11. **Revise** Section 011200 'Multiple Contract Summary'

END OF ADDENDUM 1

DOCUMENT 004116.02 GENERAL CONSTRUCTION BID FORM - STIPULATED SUM (MULTIPLE-PRIME CONTRACT)

1.1 BID INFORMATION

- A. Bidder: \_\_\_\_\_
- B. Project Name: Mount Kisco Water Department Building Addition
- C. Project Location: 40 Columbus Avenue, Mount Kisco NY 10549
- D. Owner: The Village/Town of Mount Kisco
- E. Architect: Bar Down Studio

1.2 CERTIFICATIONS AND BASE BID

- A. Base Bid, Multiple-Prime (Single-Trade) Contract for General Construction Work: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by Bar Down Studio, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

1. \_\_\_\_\_  
(Words)

\_\_\_\_\_ ( \$ \_\_\_\_\_ )  
(Figures)

1.3 ALTERNATES

- A. **DELETE/ADD** (Circle one) Mezzanine at Existing Building

1. \_\_\_\_\_  
(Words)

\_\_\_\_\_ ( \$ \_\_\_\_\_ )  
(Figures)

1.4 BID GUARANTEE

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within (5) five days after a written Notice of Award, if offered within (30) thirty days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cash, cashier's check, certified check, U.S. money order, or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

1. \_\_\_\_\_  
(Words)

\_\_\_\_\_ ( \$ \_\_\_\_\_ )  
(Figures)

- B. In the event Owner does not offer Notice of Award within the time limits stated above, Owner will return to the undersigned the cash, cashier's check, certified check, U.S. money order, or bid bond.

1.5 TIME OF COMPLETION

- A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Architect, and shall fully complete the Work by December 5, 2022.

1.6 ACKNOWLEDGEMENT OF ADDENDA

- A. The undersigned Bidder acknowledges receipt of and use of the following Addenda in the preparation of this Bid:

1. Addendum No. 1, dated \_\_\_\_\_
2. Addendum No. 2, dated \_\_\_\_\_
3. Addendum No. 3, dated \_\_\_\_\_

1.7 BID SUPPLEMENTS

- A. The following supplements are a part of this Bid Form and are attached hereto.

1. Contractor's Qualification Statement (AIA Document A305)
2. Bid Bond Form (AIA Document A310)
3. Performance Bond Form (AIA Document A312)
4. Non-Collusion Affidavit
5. Iran Divestment Act
6. Section 007300 "Special Conditions" Forms:
  - a. Bidder's Certification
  - b. Subcontractor Certification
  - c. Section 3 Bidders Certification
  - d. Propose Subcontractors List
  - e. Wage Rate Certification
  - f. Disclosure of Relationship with Municipality

1.8 CONTRACTOR'S LICENSE

- A. The undersigned further states that it is a duly licensed contractor, for the type of work proposed, All required license(s) as necessary to complete work have been applied and paid for.

1.9 SUBMISSION OF BID

1.10 Respectfully submitted this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

1.11 Submitted By: \_\_\_\_\_  
(Name of firm or corporation)

A. Authorized Signature: \_\_\_\_\_  
(Handwritten signature)

B. Signed By: \_\_\_\_\_  
(Type or print name)

C. Title: \_\_\_\_\_

D. Street Address: \_\_\_\_\_

E. City, State Zip: \_\_\_\_\_

F. Phone: \_\_\_\_\_

G. License No.: \_\_\_\_\_

H. Federal ID No: \_\_\_\_\_

END OF SECTION 004116.01

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DOCUMENT 004116.03 ELECTRICAL CONSTRUCTION BID FORM - STIPULATED SUM (MULTIPLE-PRIME CONTRACT)

1.1 BID INFORMATION

- A. Bidder: \_\_\_\_\_
- B. Project Name: Mount Kisco Water Department Building Addition
- C. Project Location: 40 Columbus Avenue, Mount Kisco NY 10549
- D. Owner: The Village/Town of Mount Kisco
- E. Architect: Bar Down Studio

1.2 CERTIFICATIONS AND BASE BID

- A. Base Bid, Multiple-Prime (Single-Trade) Contract for Electrical Construction Work: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by Bar Down Studio, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

1. \_\_\_\_\_  
(Words)

\_\_\_\_\_ ( \$ \_\_\_\_\_ )  
(Figures)

1.3 ALTERNATES

- A. **DELETE/ADD** (Circle one) Mezzanine at Existing Building

1. \_\_\_\_\_  
(Words)

\_\_\_\_\_ ( \$ \_\_\_\_\_ )  
(Figures)

1.4 BID GUARANTEE

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within (5) five days after a written Notice of Award, if offered within (30) thirty days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cash, cashier's check, certified check, U.S. money order, or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

1. \_\_\_\_\_  
(Words)

\_\_\_\_\_ ( \$ \_\_\_\_\_ )  
(Figures)

- B. In the event Owner does not offer Notice of Award within the time limits stated above, Owner will return to the undersigned the cash, cashier's check, certified check, U.S. money order, or bid bond.

1.5 TIME OF COMPLETION

- A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Architect, and shall fully complete the Work by December 5, 2022.

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5. Iran Divestment Act
6. Section 007300 "Special Conditions" Forms:
  - a. Bidder's Certification
  - b. Subcontractor Certification
  - c. Section 3 Bidders Certification
  - d. Propose Subcontractors List
  - e. Wage Rate Certification
  - f. Disclosure of Relationship with Municipality

1.8 CONTRACTOR'S LICENSE

- A. The undersigned further states that it is a duly licensed contractor, for the type of work proposed, All required license(s) as necessary to complete work have been applied and paid for.

1.9 SUBMISSION OF BID

1.10 Respectfully submitted this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

1.11 Submitted By: \_\_\_\_\_  
(Name of firm or corporation)

A. Authorized Signature: \_\_\_\_\_  
(Handwritten signature)

B. Signed By: \_\_\_\_\_  
(Type or print name)

C. Title: \_\_\_\_\_

D. Street Address: \_\_\_\_\_

E. City, State Zip: \_\_\_\_\_

F. Phone: \_\_\_\_\_

G. License No.: \_\_\_\_\_

H. Federal ID No: \_\_\_\_\_

END OF SECTION 004116.01



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## SECTION 011200 - MULTIPLE CONTRACT SUMMARY

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Special Conditions and other Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. Section includes a summary of each contract, including responsibilities for coordination and temporary facilities and controls.
- B. Specific requirements for Work of each contract are also indicated in individual Specification Sections and on Drawings.
- C. Related Requirements:
  - 1. Section 011000 "Summary" for the Work covered by the Contract Documents, restrictions on use of Project site, coordination with occupants, and work restrictions.
  - 2. Section 013100 "Project Management and Coordination" for general coordination requirements.
  - 3. Section 015000 "Temporary Facilities and Controls" for specific requirements for temporary facilities and controls.

#### 1.3 DEFINITIONS

- A. Permanent Enclosure: As determined by Architect, the condition at which roofing is insulated and weathertight; exterior walls are insulated and weathertight; and openings are closed with permanent construction or substantial temporary closures equivalent in weather protection to permanent construction.

#### 1.4 PROJECT COORDINATOR

- A. Project coordinator shall be responsible for coordination between the General Construction Contract, Plumbing Contract, HVAC Contract, and Electrical Contract.
  - 1. The General Construction Contractor shall act as the Project Coordinator.

#### 1.5 PROJECT COORDINATOR RESPONSIBILITIES

- A. Project coordinator shall perform Project coordination activities for the multiple contracts, including, but not limited to, the following:
  - 1. Provide typical overall coordination of the Work.
  - 2. Coordinate shared access to workspaces.
  - 3. Coordinate product selections for compatibility.
  - 4. Provide overall coordination of temporary facilities and controls.
  - 5. Coordinate, schedule, and approve interruptions of permanent and temporary utilities, including those necessary to make connections for temporary services.
  - 6. Coordinate construction and operations of the Work with work performed by each Contract.

7. Prepare coordination drawings in collaboration with each contractor to coordinate work by more than one contract.
8. Coordinate sequencing and scheduling of the Work. Include the following:
  - a. Initial Coordination Meeting: At earliest possible date, arrange and conduct a meeting with contractors for sequencing and coordinating the Work; negotiate reasonable adjustments to schedules.
  - b. Prepare combined Contractors' Construction Schedule for entire Project. Base schedule on preliminary construction schedule. Secure time commitments for performing critical construction activities from contractors. Show activities of each contract on a separate sheet. Prepare a simplified summary sheet indicating combined construction activities of contracts.
    - 1) Submit schedules for approval.
    - 2) Distribute copies of approved schedules to contractors.
9. Provide photographic documentation.
10. Provide quality-assurance and quality-control services specified in Section 014000 "Quality Requirements."
11. Coordinate sequence of activities to accommodate tests and inspections, and coordinate schedule of tests and inspections.
12. Provide information necessary to adjust, move, or relocate existing utility structures affected by construction.
13. Provide progress cleaning of common areas and coordinate progress cleaning of areas or pieces of equipment where more than one contractor has worked.
14. Coordinate cutting and patching.
15. Coordinate protection of the Work.
16. Coordinate firestopping.
17. Coordinate completion of interrelated punch list items.
18. Coordinate preparation of Project Record Documents if information from more than one contractor is to be integrated with information from other contractors to form one combined record.
19. Collect record Specification Sections from contractors, collate Sections into numeric order, and submit complete set.

#### 1.6 GENERAL REQUIREMENTS OF CONTRACTS

- A. Extent of Contract: Unless the Agreement contains a more specific description of the Work of each Contract, requirements indicated on Drawings and in Specification Sections determine which contract includes a specific element of Project.
  1. Unless otherwise indicated, the work described in this Section for each contract shall be complete systems and assemblies, including products, components, accessories, and installation required by the Contract Documents.
  2. Trenches and other excavation for the work of each contract shall be the work of each contract for its own work.
  3. Blocking, backing panels, sleeves, and metal fabrication supports for the work of each contract shall be the work of each contract for its own work.
  4. Furnishing of access panels for the work of each contract shall be the work of each contract for its own work. Installation of access panels shall be the work of the General Construction Contract.
  5. Painting for the work of each contract shall be the work of the General Construction Contract.
  6. Cutting and Patching: Provided under each contract for its own work.
  7. Through-penetration firestopping for the work of each contract shall be provided by the General Construction Contract.
  8. Contractors' Startup Construction Schedule: Within ten working days after startup horizontal bar-chart-type construction schedule submittal has been received from Project coordinator, submit a matching startup horizontal bar-chart schedule showing construction operations sequenced and coordinated with overall construction.
- B. Substitutions: Each contractor shall cooperate with other contractors involved to coordinate approved substitutions with remainder of the work.
  1. Project coordinator shall coordinate substitutions.

- C. Temporary Facilities and Controls: In addition to specific responsibilities for temporary facilities and controls indicated in this Section and in Section 015000 "Temporary Facilities and Controls," each contractor is responsible for the following:
1. Installation, operation, maintenance, and removal of each temporary facility necessary for its own normal construction activity, and costs and use charges associated with each facility, except as otherwise provided for in this Section.
  2. Plug-in electric power cords and extension cords, supplementary plug-in task lighting, and special lighting necessary exclusively for its own activities.
  3. Temporary enclosures for its own construction activities.
  4. Staging and scaffolding for its own construction activities.
  5. General hoisting facilities for its own construction activities, up to 2 tons (2000 kg).
  6. Waste disposal facilities, including collection and legal disposal of its own hazardous, dangerous, unsanitary, or other harmful waste materials.
  7. Progress cleaning of work areas affected by its operations on a daily basis.
  8. Secure lockup of its own tools, materials, and equipment.
- D. Use Charges: Comply with the following:
1. Owner will maintain and pay for existing electric, water and sewer services.

#### 1.7 GENERAL CONSTRUCTION CONTRACT

- A. Work of the General Construction Contract includes, but is not limited to, the following:
1. All work identified on C-, A-, and S- Drawings unless specifically noted otherwise.
  2. All work identified in Specification Sections 02 through 10, 31, and 32.
  3. Remaining work not identified as work under other contracts.
  4. Selective demolition.
  5. Excavating and backfilling for the addition structure, including hand excavation to expose existing foundations.
  6. Preparing subgrade for addition slabs, walks, and pavements.
  7. Preparing subbase for support of addition slabs.
  8. Continuous, cast-in-place, reinforced concrete footings.
  9. Cast-in-place, reinforced concrete foundation walls.
  10. Doweling of foundation footings and walls to existing footings and concrete masonry walls.
  11. Interior and exterior, reinforced, cast-in-place concrete slabs on grade.
  12. Saw cutting and partial removal of existing interior slabs on grade, trench excavation and backfill for underslab plumbing, and placement of reinforced, cast-in-place concrete slab infills.
  13. Vapor retarder below interior slabs on grade.
  14. Supported, reinforced, structural cast-in-place concrete slab.
  15. Precast concrete planks with cast-in-place concrete topping slab.
  16. Reinforced, partially grouted, concrete masonry walls.
  17. Reinforced, fully grouted, pre-insulated, architectural concrete masonry walls.
  18. Reinforced, fully grouted, concrete masonry lintels.
  19. Grouting existing concrete masonry walls at dowels, lintel bearings, and other locations as indicated.
  20. Steel framing, including miscellaneous channels, angles, lintels, roof frames, guards/railings, stairs, and assemblies.
  21. Steel joist framing.
  22. Galvanized metal roof deck.
  23. Exterior closure, including windows, doors/frames/hardware.
  24. Roofing, including roof insulation, coverings, flashings, and roof specialties.
  25. Interior construction, including partitions, doors/frames/hardware, casework, and finishes.
  26. Stairs, including railings and finishes.
  27. Toilet and bath accessories
  28. Exterior paint.
  29. Penetration firestopping and fire-resistive joint systems as required at all rated partitions.

#### 1.8 MECHANICAL CONSTRUCTION CONTRACT

A. Work of the Mechanical Construction Contract includes, but is not limited to, the following:

1. All work identified on M- Drawings unless specifically noted otherwise.
2. Remove window and thru-wall air conditioners, unit heaters and radiator.
3. Provide gas-fired unit heaters and associated venting and combustion air ducts and controls.
4. Provide heating terminals including pipe, fittings and insulation to connect to existing heating hot water system.
5. Provide toilet exhaust systems including fan, ductwork and grille. Provide work bay and storage room exhaust fans and roof curbs.
6. Provide dryer vent.
7. Provide ductless split heat pump system complete with indoor unit, outdoor unit, refrigerant piping, condensate piping and controls.
8. Provide all supports and auxiliary steel to support piping and equipment.

#### 1.9 ELECTRICAL CONSTRUCTION CONTRACT

A. Work of the Electrical Construction Contract includes, but is not limited to, the following:

1. All work identified on E- Drawings unless specifically noted otherwise.
2. Remove panelboards, devices, light fixtures, power circuits and conduit to electrical and mechanical devices shown or noted to be removed. Reroute remaining circuits to new panelboards.
3. Provide temporary power and lighting throughout construction.
4. Provide new service entrance rated panelboard and underground secondary power connections to pole mounted utility transformers. Coordinate with utility.
5. Provide manual transfer switch and portable generator connection.
6. Provide light fixtures and devices including branch circuit wiring as indicated.
7. Provide branch circuit wiring for light fixtures and receptacles as indicated.
8. Relocate existing carbon monoxide devices and provide additional carbon monoxide detectors as indicated.
9. Disconnect and reconnect power for existing overhead door motors to be replaced.
10. Provide branch circuit wiring for mechanical equipment (heat pump, fans, unit heaters, electric water heater).

#### 1.10 PLUMBING CONSTRUCTION CONTRACT

A. Work of the Plumbing Construction Contract includes, but is not limited to, the following:

1. All work identified on P- Drawings unless specifically noted otherwise.
2. Disconnect gas piping from gas-fired equipment indicated to be removed.
3. Connect gas piping to new unit heaters. Extend pipe as required complete with shut off valves.
4. Remove plumbing fixtures, tankless water heater and associated branch piping.
5. Provide plumbing fixtures and electric water heater.
6. Provide plumbing accessories as scheduled.
7. Provide all storm, sanitary, vent and domestic water piping, sleeves, fittings, insulation and supports indicated and required for a complete system.
8. Provide concrete saw cutting, trenching and select backfill for underground plumbing. Provide preliminary investigation of underground piping as required to execute floor removal.
9. Provide all caulking of fixtures and pipe penetrations.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 011200

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## SECTION 012100 - ALLOWANCES

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Special Conditions and other Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
  - 1. Certain items are specified in the Contract Documents by allowances. Allowances have been established in lieu of additional requirements and to defer selection of actual materials and equipment to a later date when direction will be provided to Contractor. If necessary, additional requirements will be issued by Change Order.
- B. Types of allowances include the following:
  - 1. Contingency allowances.

#### 1.3 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection and purchase of each product or system described by an allowance must be completed to avoid delaying the Work.
- B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected by Architect from the designated supplier.

#### 1.4 ACTION SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances, in the form specified for Change Orders.

#### 1.5 INFORMATIONAL SUBMITTALS

- A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.
- B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.
- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.



1.6 COORDINATION

- A. Coordinate allowance items with other portions of the Work. Furnish templates as required to coordinate installation.

1.7 CONTINGENCY ALLOWANCES

- A. Use the contingency allowance only as directed by Architect for Owner's purposes and only by Change Orders that indicate amounts to be charged to the allowance.
- B. Contractor's overhead, profit, and related costs for products and equipment ordered by Owner under the contingency allowance are included in the allowance and are not part of the Contract Sum. These costs include delivery, installation, taxes, insurance, equipment rental, and similar costs.
- C. Change Orders authorizing use of funds from the contingency allowance will include Contractor's related costs and reasonable overhead and profit margins.
- D. At Project closeout, credit unused amounts remaining in the contingency allowance to Owner by Change Order.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

- A. General Construction Contract (GC)
  - 1. Contingency Allowance No. GC-1, Contingency Allowance: Include a contingency allowance of \$100,000.00 for use according to Owner's written instructions.
- B. Electrical Construction Contract (EC)
  - 1. Contingency Allowance No. EC-1, Contingency Allowance: Include a contingency allowance of \$20,000.00 for use according to Owner's written instructions.
- C. Plumbing Construction Contract (PC)
  - 1. Contingency Allowance No. PC-1, Contingency Allowance: Include a contingency allowance of \$20,000.00 for use according to Owner's written instructions.

END OF SECTION 012100

## SECTION 015000 - TEMPORARY FACILITIES AND CONTROLS

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Special Conditions and other Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. Section includes requirements for temporary utilities, support facilities, and security and protection facilities.
- B. Related Requirements:
  - 1. Section 011100 "Summary" for work restrictions and limitations on utility interruptions.

#### 1.3 USE CHARGES

- A. General: Installation and removal of and use charges for temporary facilities shall be included in the Contract Sum unless otherwise indicated. Allow other entities to use temporary services and facilities without cost, including, but not limited to, Architect, testing agencies, and authorities having jurisdiction.
- B. Water and Sewer Service from Existing System: Water from Owner's existing water system is available for use without payment of use charges. Provide connections and extensions of services as required for construction operations. Provide temporary backflow preventer.
- C. Electric Power Service from Existing System: Electric power from Owner's existing system is available for use.

#### 1.4 QUALITY ASSURANCE

- A. Electric Service: Comply with NECA, NEMA, and UL standards and regulations for temporary electric service. Install service to comply with NFPA 70.
- B. Tests and Inspections: Arrange for authorities having jurisdiction to test and inspect each temporary utility before use. Obtain required certifications and permits.
- C. Accessible Temporary Egress: Comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines and ICC/ANSI A117.1.

#### 1.5 PROJECT CONDITIONS

- A. Temporary Use of Permanent Facilities: Engage Installer of each permanent service to assume responsibility for operation, maintenance, and protection of each permanent service during its use as a construction facility before Owner's acceptance, regardless of previously assigned responsibilities.

## PART 2 - PRODUCTS

### 2.1 TEMPORARY FACILITIES

- A. Field Offices, General: Prefabricated or mobile units with serviceable finishes, temperature controls, and foundations adequate for normal loading.
- B. Common-Use Field Office: Of sufficient size to accommodate needs of Owner, Architect, and construction personnel office activities and to accommodate Project meetings specified in other Division 01 Sections. Keep office clean and orderly. Furnish and equip offices as follows:
- C. Storage and Fabrication Sheds: Provide sheds sized, furnished, and equipped to accommodate materials and equipment for construction operations.
  - 1. Store combustible materials apart from building.

### 2.2 EQUIPMENT

- A. Fire Extinguishers: Portable, UL rated; with class and extinguishing agent as required by locations and classes of fire exposures.
- B. HVAC Equipment: Unless Owner authorizes use of permanent HVAC system, provide vented, self-contained, liquid-propane-gas or fuel-oil heaters with individual space thermostatic control.
  - 1. Use of gasoline-burning space heaters, open-flame heaters, or salamander-type heating units is prohibited.
  - 2. Heating Units: Listed and labeled for type of fuel being consumed, by a qualified testing agency acceptable to authorities having jurisdiction, and marked for intended location and application.

## PART 3 - EXECUTION

### 3.1 INSTALLATION, GENERAL

- A. Locate facilities where they will serve Project adequately and result in minimum interference with performance of the Work. Relocate and modify facilities as required by progress of the Work.
- B. Provide each facility ready for use when needed to avoid delay. Do not remove until facilities are no longer needed or are replaced by authorized use of completed permanent facilities.

### 3.2 TEMPORARY UTILITY INSTALLATION

- A. General: Install temporary service or connect to existing service.
  - 1. Arrange with utility company, Owner, and existing users for time when service can be interrupted, if necessary, to make connections for temporary services.
- B. Water Service: Connect to Owner's existing water service facilities. Clean and maintain water service facilities in a condition acceptable to Owner. At Substantial Completion, restore these facilities to condition existing before initial use.
- C. Sanitary Facilities: Provide temporary toilets, wash facilities, and drinking water for use of construction personnel. Comply with requirements of authorities having jurisdiction for type, number, location, operation, and maintenance of fixtures and facilities.

- D. Heating and Cooling: Except as indicated in Section "Multiple Contract Summary," each Prime Contract shall provide temporary heating and cooling required by construction activities for curing or drying of completed installations or for protecting installed construction from adverse effects of low temperatures or high humidity. Select equipment that will not have a harmful effect on completed installations or elements being installed.
- E. Isolation of Work Areas in Occupied Facilities: Prevent dust, fumes, and odors from entering occupied areas.
  - 1. Perform daily construction cleanup and final cleanup using approved, HEPA-filter-equipped vacuum equipment.
- F. Ventilation and Humidity Control: Provide temporary ventilation required by construction activities for curing or drying of completed installations or for protecting installed construction from adverse effects of high humidity. Select equipment that will not have a harmful effect on completed installations or elements being installed. Coordinate ventilation requirements to produce ambient condition required and minimize energy consumption.
  - 1. Provide dehumidification systems when required to reduce substrate moisture levels to level required to allow installation or application of finishes.
- G. Electric Power Service: Connect to Owner's existing electric power service. Maintain equipment in a condition acceptable to Owner.
- H. Lighting: Provide temporary lighting with local switching that provides adequate illumination for construction operations, observations, inspections, and traffic conditions.
  - 1. Install and operate temporary lighting that fulfills security and protection requirements without operating entire system.
  - 2. Install lighting for Project identification sign.

### 3.3 SUPPORT FACILITIES INSTALLATION

- A. Parking: Use designated areas of Owner's existing parking areas for construction personnel.
- B. Waste Disposal Facilities: Comply with requirements specified in Section 017419 "Construction Waste Management and Disposal."
- C. Lifts and Hoists: Provide facilities necessary for hoisting materials and personnel.
  - 1. Truck cranes and similar devices used for hoisting materials are considered "tools and equipment" and not temporary facilities.

### 3.4 SECURITY AND PROTECTION FACILITIES INSTALLATION

- A. Protection of Existing Facilities: Protect existing vegetation, equipment, structures, utilities, and other improvements at Project site and on adjacent properties, except those indicated to be removed or altered. Repair damage to existing facilities.
- B. Environmental Protection: Provide protection, operate temporary facilities, and conduct construction as required to comply with environmental regulations and that minimize possible air, waterway, and subsoil contamination or pollution or other undesirable effects.
  - 1. Comply with work restrictions specified in Section 011000 "Summary."
- C. Barricades, Warning Signs, and Lights: Comply with requirements of authorities having jurisdiction for erecting structurally adequate barricades, including warning signs and lighting.

- D. Temporary Enclosures: Provide temporary enclosures for protection of construction, in progress and completed, from exposure, foul weather, other construction operations, and similar activities. Provide temporary weathertight enclosure for building exterior.
  - 1. Where heating or cooling is needed and permanent enclosure is incomplete, insulate temporary enclosures.
- E. Temporary Fire Protection: Install and maintain temporary fire-protection facilities of types needed to protect against reasonably predictable and controllable fire losses. Comply with NFPA 241; manage fire-prevention program.
  - 1. Prohibit smoking in construction areas.
  - 2. Supervise welding operations, combustion-type temporary heating units, and similar sources of fire ignition according to requirements of authorities having jurisdiction.
  - 3. Develop and supervise an overall fire-prevention and -protection program for personnel at Project site. Review needs with local fire department and establish procedures to be followed. Instruct personnel in methods and procedures. Post warnings and information.

### 3.5 MOISTURE AND MOLD CONTROL

- A. Contractor's Moisture-Protection Plan: Avoid trapping water in finished work. Document visible signs of mold that may appear during construction.
- B. Exposed Construction Phase: Before installation of weather barriers, when materials are subject to wetting and exposure to airborne mold spores, protect as follows:
  - 1. Protect porous materials from water damage.
  - 2. Protect stored and installed material from flowing or standing water.
  - 3. Keep porous and organic materials from coming into prolonged contact with concrete.
  - 4. Remove standing water from decks.
  - 5. Keep deck openings covered or dammed.
- C. Partially Enclosed Construction Phase: After installation of weather barriers but before full enclosure and conditioning of building, when installed materials are still subject to infiltration of moisture and ambient mold spores, protect as follows:
  - 1. Do not load or install drywall or other porous materials or components, or items with high organic content, into partially enclosed building.
  - 2. Keep interior spaces reasonably clean and protected from water damage.
  - 3. Periodically collect and remove waste containing cellulose or other organic matter.
  - 4. Discard or replace water-damaged material.
  - 5. Do not install material that is wet.
  - 6. Discard, replace, or clean stored or installed material that begins to grow mold.
  - 7. Perform work in a sequence that allows any wet materials adequate time to dry before enclosing the material in drywall or other interior finishes.

### 3.6 OPERATION, TERMINATION, AND REMOVAL

- A. Supervision: Enforce strict discipline in use of temporary facilities. To minimize waste and abuse, limit availability of temporary facilities to essential and intended uses.
- B. Maintenance: Maintain facilities in good operating condition until removal.
  - 1. Maintain operation of temporary enclosures, heating, cooling, humidity control, ventilation, and similar facilities on a 24-hour basis where required to achieve indicated results and to avoid possibility of damage.

- C. Temporary Facility Changeover: Do not change over from using temporary security and protection facilities to permanent facilities until Substantial Completion.
- D. Termination and Removal: Remove each temporary facility when need for its service has ended, when it has been replaced by authorized use of a permanent facility, or no later than Substantial Completion. Complete or, if necessary, restore permanent construction that may have been delayed because of interference with temporary facility. Repair damaged Work, clean exposed surfaces, and replace construction that cannot be satisfactorily repaired.
  - 1. Materials and facilities that constitute temporary facilities are property of Contractor. Owner reserves right to take possession of Project identification signs.
  - 2. Remove temporary roads and paved areas not intended for or acceptable for integration into permanent construction. Where area is intended for landscape development, remove soil and aggregate fill that do not comply with requirements for fill or subsoil. Remove materials contaminated with road oil, asphalt and other petrochemical compounds, and other substances that might impair growth of plant materials or lawns. Repair or replace street paving, curbs, and sidewalks at temporary entrances, as required by authorities having jurisdiction.
  - 3. At Substantial Completion, repair, renovate, and clean permanent facilities used during construction period. Comply with final cleaning requirements specified in Section 017700 "Closeout Procedures."

END OF SECTION 015000

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# TOWN/VILLAGE OF MOUNT KISCO WATER DEPARTMENT BUILDING ADDITION

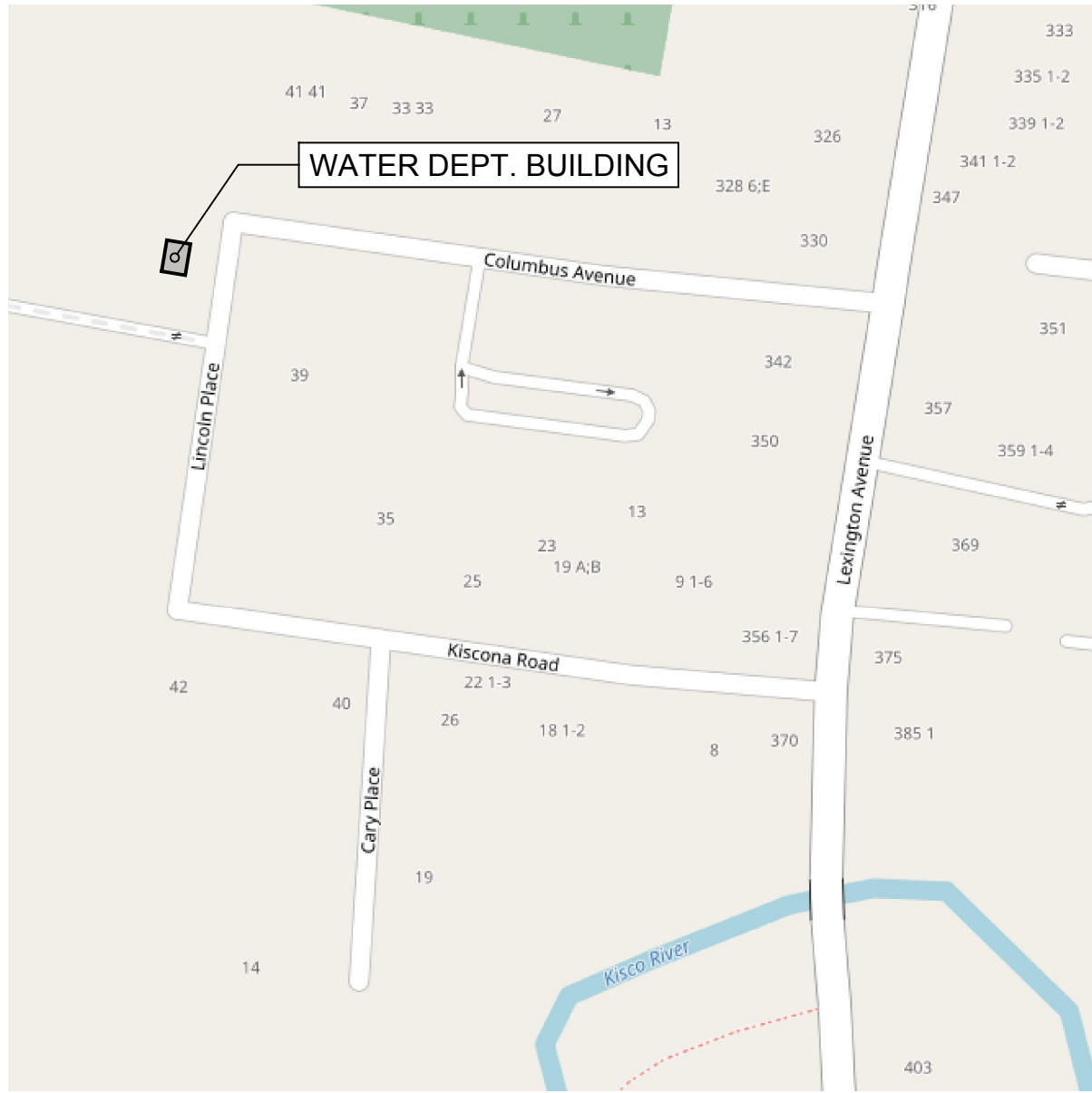
43 COLUMBUS AVENUE  
MOUNT KISCO NY 10549

CONSTRUCTION DOCUMENTS

ISSUE FOR BID: 3 JUNE 2022



THE DESIGN OF THIS PROJECT CONFORMS TO APPLICABLE PROVISIONS OF THE 2020 NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, AND THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE

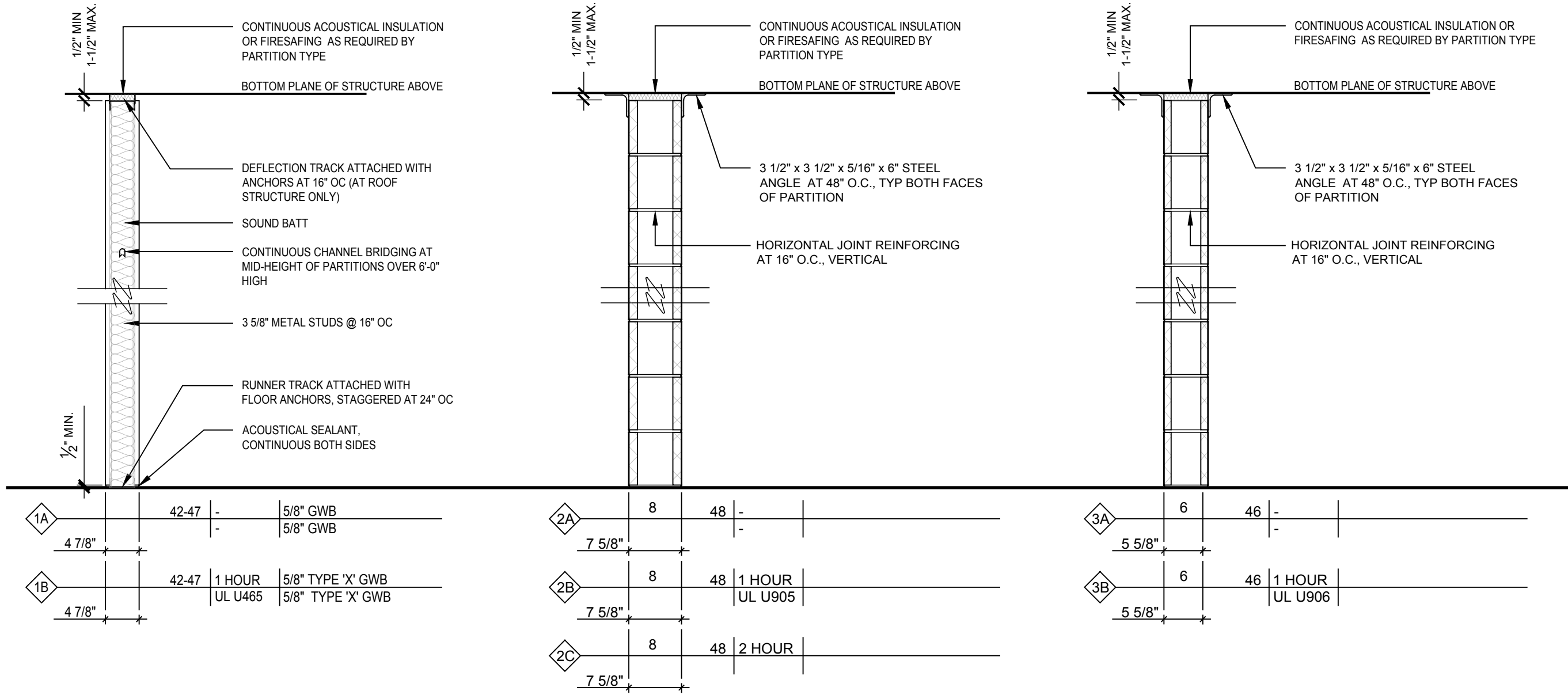


VICINITY MAP

NTS

G001	GENERAL NOTES, LEGENDS, AND SITE PLAN
D100	DEMOLITION PLANS
ASB-100	ASBESTOS ABATEMENT DRAWING
S001	DESIGN DATA AND GENERAL NOTES
S002	GENERAL NOTES
S100	FOUNDATION PLAN
S200	SECOND FLOOR FRAMING PLAN
S201	ROOF FRAMING PLAN
S300	FOUNDATION DETAILS
S400	MASONRY DETAILS
S500	STRUCTURAL DETAILS
A100	FIRST FLOOR CONSTRUCTION PLAN
A200	ROOF PLAN
A101	SECOND FLOOR CONSTRUCTION PLAN
A300	EXTERIOR ELEVATIONS
A301	SECTIONS AND DETAILS
A450	ROOF DETAILS
A451	MASONRY DETAILS
A500	STAIR DETAILS
A600	WALL TYPES AND SCHEDULES
A900	DOOR AND WINDOW DETAILS
M-1	MECHANICAL DEMOLITION PLANS
M-2	MECHANICAL PLANS
M-3	MECHANICAL ROOF PLAN
P-1	PLUMBING DEMOLITION PLAN
P-2	PLUMBING PLANS
P-3	ROOF PLUMBING PLAN
E-1	ELECTRICAL DEMOLITION PLANS
E-2	ELECTRICAL PLANS





1 PARTITION TYPES  
SCALE: N.T.S.

DOOR NUMBER	LOCATION				DOOR							FRAME							REMARKS	DOOR NUMBER			
	FROM		TO		QUANTITY	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	LABEL (MIN.)			HARDWARE	MAG. HOLD-OPEN	ACCESS CONTROL
103.1	EXT	EXTERIOR	103	BAY 3	1	3'-0"	7'-0"	1-3/4"	F	HM	PNT	HM1	HM	PNT	2/A900	2/A900			03	N	N		103.1
104.1	EXT	EXTERIOR	104	CORRIDOR	1	3'-0"	7'-0"	1-3/4"	F	HM	PNT	HM1	HM	PNT	2/A900	2/A900			03	N	N		104.1
105.1		CORRIDOR	105	STORAGE	1	3'-0"	7'-0"	1-3/4"	F	HM	PNT	HM1	HM	PNT	2/A900	2/A900			02	N	N		105.1
109.1		CORRIDOR	109	TOILET	1	3'-0"	7'-0"	1-3/4"	F	HM	PNT	HM2	HM	PNT	2/A900	2/A900			04	N	N		109.1
110.1		CORRIDOR	110	MECHANICAL	1	3'-0"	7'-0"	1-3/4"	L	HM	PNT	HM2	HM	PNT	2/A900	2/A900		45	02A	N	N		110.1
111.1		BAY	111	STORAGE	1	3'-0"	7'-0"	1-3/4"	F	HM	PNT	HM1	HM	PNT	2/A900	2/A900			02B	N	N		111.1
102.1		BAY	112	CORRIDOR	1	2'-8"	7'-0"	1-3/4"	F	HM	PNT	HM1	HM	PNT	2/A900	2/A900		45	02C	N	N		102.1
202.1	-	STAIR	202	OFFICE	1	2'-8"	7'-0"	1-3/4"	F	HM	PNT	HM1	HM	PNT	2/A900	2/A900			01	N	N		202.1
202.2		OFFICE	203	STORAGE	1	2'-8"	7'-0"	1-3/4"	F	HM	PNT	HM1	HM	PNT	2/A900	2/A900			01	N	N	Alternate	202.2

ABBREVIATIONS  
ALU ALUMINUM  
WD WOOD  
STL STEEL  
HM HOLLOW METAL  
FF FACTORY FINISH  
PNT PAINT

DOOR SCHEDULE

NUMBER	ROOM NAME	FLOOR			BASE			NORTH WALL			EAST WALL			SOUTH WALL			WEST WALL			CEILING		
		SUBSTRATE	FINISH	COLOR CODE	SUBSTRATE	FINISH	COLOR CODE	SUBSTRATE	FINISH	COLOR CODE	SUBSTRATE	FINISH	COLOR CODE	SUBSTRATE	FINISH	COLOR CODE	SUBSTRATE	FINISH	COLOR CODE	MATERIAL	TYPE	COLOR CODE
101	BAY 1	CONC	EPOXY	TBD	INTEGRAL EPOXY BASE			CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD
102	BAY 2	CONC	EPOXY	TBD	INTEGRAL EPOXY BASE			CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD
103	BAY 3	CONC	EPOXY	TBD	INTEGRAL EPOXY BASE			CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD
104	CORRIDOR	CONC	EPOXY	TBD	INTEGRAL EPOXY BASE			-	-	-	-	-	-	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD
105	STORAGE	CONC	EPOXY	TBD	INTEGRAL EPOXY BASE			CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD
106	LOCKER	CONC	EPOXY	TBD	INTEGRAL EPOXY BASE			CONC	PNT	TBD	CONC	PNT	TBD	-	-	-	CONC	PNT	TBD	CONC	PNT	TBD
107	SHOWER	CONC	EPOXY	TBD	INTEGRAL EPOXY BASE			CONC	PNT	TBD	CONC	PNT	TBD	-	-	-	CONC	PNT	TBD	CONC	PNT	TBD
108	LAUNDRY	CONC	EPOXY	TBD	INTEGRAL EPOXY BASE			CONC	PNT	TBD	CONC	PNT	TBD	-	-	-	CONC	PNT	TBD	CONC	PNT	TBD
109	TOILET	CONC	EPOXY	TBD	INTEGRAL EPOXY BASE			CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD
110	MECHANICAL	CONC	EPOXY	TBD	INTEGRAL EPOXY BASE			CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD
111	STORAGE	CONC	EPOXY	TBD	INTEGRAL EPOXY BASE			CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD
112	CORRIDOR/STAIR	CONC	EPOXY	TBD	INTEGRAL EPOXY BASE			CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD
201	MEZZANINE	CONC	-	-	CONC	RB	TBD	CONC	PNT	TBD	CONC	PNT	TBD				CONC	PNT	TBD	CONC	PNT	TBD
202	OFFICE	CONC	VIN	TBD	CONC	RB	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD
203	STORAGE	CONC	-	-	CONC	RB	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD	CONC	PNT	TBD

ABBREVIATIONS  
CONC CONCRETE/CONCRETE MASONRY UNIT  
GWB GYPSUM WALLBOARD  
PNT PAINT  
VCT VINYL COMPOSITE TILE  
CWT- CERAMIC WALL TILE  
CFT- CERAMIC FLOOR TILE  
LIN LINOLEUM  
VIN VINYL  
CPT- CARPET TILE  
QT QUARRY TILE  
TB TILE BACKER  
EMF ENGINEERED WOOD FLOORING  
SAC SUSPENDED ACOUSTIC CEILING  
RB RUBBER BASE  
WD WOOD  
TF TRANSPARENT FINISH

FINISH SCHEDULE

PARTITION NOTES

NOM. CMU SIZE	STC RATING	FIRE RATING	SIDE ONE FINISH
		TEST DESIGN	SIDE TWO FINISH
ASSEMBLY WIDTH			

- PROVIDE FIRE RATED JOINT SYSTEMS AT ALL INTERSECTIONS OF FIRE RATED PARTITION ASSEMBLIES AND FIRE RATED FLOOR /ROOF ASSEMBLIES. THE FIRE RATED JOINT SYSTEM SHALL HAVE A MINIMUM FIRE RESISTANCE RATING GREATER THAN OR EQUAL TO THE PARTITION IN WHICH IT IS BEING USED. THIS JOINT SYSTEM MUST BE AN APPROVED ASSEMBLY TESTED BY A NATIONALLY RECOGNIZED TESTING AGENCY.
- PROVIDE THROUGH-PENETRATION FIRE STOP SYSTEM AT ALL PENETRATIONS THROUGH FIRE RATED PARTITION, FLOOR AND ROOF ASSEMBLIES. THE THROUGH-PENETRATION FIRE STOP SYSTEM SHALL HAVE A MINIMUM FIRE RESISTANCE RATING GREATER THAN OR EQUAL TO THE ASSEMBLY THAT IT IS BEING USED IN. THIS FIRE STOP SYSTEM MUST BE AN APPROVED ASSEMBLY TESTED BY A NATIONALLY RECOGNIZED TESTING AGENCY.
- CONCEALED VERTICAL SPACES IN PARTITIONS SHALL BE FILLED WITH NON COMBUSTIBLE MATERIAL OR FIRE-STOPPED AT EACH FLOOR LEVEL AND AT THE CEILING OF THE UPPERMOST STORY, SO THAT SUCH SPACES WILL NOT BE CONTINUOUS FOR MORE THAN ONE STORY, OR COMMUNICATE WITH CONCEALED HORIZONTAL SPACES IN THE FLOOR OR ROOF CONSTRUCTION.
- ALL PARTITION TYPE DIAGRAMS ARE GRAPHICAL IN NATURE, IN THE CASE WHERE A DIAGRAM DOES NOT SHOW ALL MATERIALS REQUIRED BY A FIRE-RATED PARTITION, THE PARTITION TYPE DESCRIPTION GOVERNS.



BAR DOWN STUDIO  
PO Box 121, Beacon NY 12508  
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Consultant

VILLAGE/TOWN OF MOUNT KISCO  
WATER DEPARTMENT BUILDING ADDITION  
43 COLUMBUS AVE, MOUNT KISCO, NY 10549

Project Title

4			
3			
2			
1			

No. Date Revision By  
Drawn By: dh  
Checked By: dh  
BDS Proj. #: 21-01  
Date: June 3, 2022

Sheet Title

WALL TYPES  
AND  
SCHEDULES

Sheet No.

A600

CONSTRUCTION DOCUMENTS