

BID
ADDENDUM NO. 1
TO
CONTRACT DOCUMENTS
AND
TECHNICAL SPECIFICATIONS
FOR
2019 BOND REFERENDUM
CAPITAL IMPROVEMENTS
AT
CHATSWORTH AVENUE SCHOOL
NYSED #66-07-01-03-0-005-020
BID # 19/20-MUFSD-010

Mamaroneck Union Free School District
1000 West Boston Post Road
Mamaroneck, New York 10543

Telephone No. 914-220-3040

Contact: Ms. Sylvia Wallach
Assistant Superintendent for Business

LAN Job #4.1092.72.03
December 22, 2020

Michael J. McGovern, RA
NYS #022257

1.0 General: The original contract documents dated **January 10, 2020** issued to the New York State Education Department (NYSED) for this project are hereby amended as noted in this NYSED addendum which shall become part of said contract documents, as if originally included therein. Bidders must acknowledge receipt of this NYSED addendum and all other addenda on the proposal form when submitting proposals. In case any bidder fails to acknowledge receipt of addenda, his proposal will nevertheless be construed as though it has been received, acknowledged, and the submission of his proposal shall constitute acknowledgment by the bidder of the receipt of same.

This is to advise all prospective bidders that this addendum has been issued to all bidders and that it contains a change in the contract documents.

Sealed bid proposals shall be received by **2:00 p.m. prevailing time on Thursday, January 14, 2021**, by mail or in person at the Boston Post Road main entrance, at the Mamaroneck Union Free School District Office, 1000 West Boston Post Road, NY 10543. All bids must be received by 2:00p.m. prevailing time. **Staff will be available to accept hand delivered bids between the hours of 8:00 a.m. and 2:00 p.m. on Thursday, January 14, 2021. Due to the current COVID-19 pandemic, the District buildings are restricted and non-essential individuals will not be permitted inside. Bids will be publicly opened and read aloud at 3:30p.m. via livestream on Google Meet at the following URL Address: meet.google.com/xtu-eoaj-bjd using computer audio or call in audio via phone: [+1 442-600-5525](tel:+14426005525) PIN #: 147 172 790#.**

2.0 Amendments to Specifications:

| Section No. | Page No. | Addendum Requirements |
|-------------|----------|--|
| 27 00 00 | All | Section 27 00 00 – Communications has been revised to reflect specific project requirements. |

3.0 Amendments to Drawings:

| Drawing No. | Addendum Requirements |
|-------------|---|
| H1.02 | Drawing H1.02 has been removed from the set as no Asbestos work remains on this drawing. Room 309 Floor Tile & Mastic Abatement has been deducted from the scope of work (Abated November 2020). |
| A2.00 | Construction Key Notes for Work Areas “B” and “C” have been updated per clarifications and questions listed below in section 4.0. |
| A6.02 | Door Type “C” has been updated to specify the basis of design panel wood door series. |
| A7.30 | Construction Key note D15 has been revised. |

4.0 Requests for Information (RFIs):

| No. | Question / Response |
|-----|--|
| 1 | <p>Question: Drawing A2.00 construction key note: work area B7 says GC to provide and install new food service equipment as part of kitchen equipment package.</p> <p>Response: Construction Notes B6, B7 and B9 on drawing A2.00 have been updated so that it is clear that the kitchen equipment is being provided and installed by a separate contract directly with the District, not as part of the GC package.</p> |

4.0 Requests for Information (RFIs) (Cont.):

No. Question / Response

- 2 Question: Drawing FS.1 states that the food service equipment is being purchased and installed under a separate contract directly with the owner.
Response: Foodservice equipment has been purchased and will be installed under a separate contract directly with the owner.
- 3 Question: Who will be removing the loose furniture, equipment, technology from the classrooms, the existing library/art-room, cafeteria.
Response: Loose furniture will be removed by Owner.
- 4 Question: Is the quarry tile in the existing Kitchen to be removed?
Response: Yes, Quarry tile demolition is shown on A1.10 demolition key note "36" with shaded area. Self leveler is called out with shaded area as key note "B30" on sheet A2.10.
- 5 Question: If the Add Alternate for the Sky Gym on A7.30 is not taken, is there any work that needs to take place in the Sky Gym?
Response: Yes, please refer to the boxed area of interior elevation 2/A7.30 indicating work that is to be part of the base bid.
- 6 Question: The notes on A2.00 state that the casework countertops are to be plastic laminate but specification section 123554 – Manufactured Casework states that it is solid surface.
Response: Construction Notes "C11", "C17", and "C19" on drawing A2.00 have been updated to include solid surface counter tops.
- 7 Question: Please clarify painting of the low exposed ceiling decks in the First Floor proposed Media Center C04.
Response: Please refer to Partial First Floor RCP – Upper 2/A5.20 which lists "CT-9", "CT-10", and "OTA" as existing/repared areas to be painted.
- 8 Question: Will NYS PE Drawings/Stamp be needed for scaffold at either building.
Response: Follow local and government regulations on scaffold.
- 9 Question: Will NYS PE Drawings/Stamp be needed for temporary shoring at the Chatsworth new Library.
Response: Yes.
- 10 Question: Specification section 27 00 00 – Communications refers to drawings IT-101and IT-102. These drawings to not exist in the set.
Response: Specification section 27 00 00 – Communications has been updated.

5.0 Clarifications:

No.

- 1 Drawing HP1.01 clarification regarding “multiple types of ceiling” – It is the responsibility of the Asbestos Abatement Contractor to remove any ceiling material that is immediately below any Asbestos-containing Pipe Insulation/Mudded Fittings in containment and disposed of as Asbestos Waste. Any other ceiling material that is scheduled for removal AND does not have any Asbestos-containing Pipe Insulation/Mudded Fittings immediately above it, shall be the responsibility of the General Contractor.

6.0 Substitution Requests:

Specification
Section No.

| | | | |
|--------|-------------------|-----------------|---|
| 088117 | Fire-Rated Glass | Approved Equal: | SAFTIFIRST <ul style="list-style-type: none">• SuperLite I - For 20-minute fire protective door applications – approved.• SuperClear 45-HS-LI – For 45-minute fire protective door applications, sidelights and openings – approved.• SuperLite II-XL 60, 90 and 120 – For door and wall/window applications - approved |
| 096723 | Resinous Flooring | Approved Equal: | Tennant Company-Architectural Coatings <ul style="list-style-type: none">• Base Coat: Eco-Crete SL with flake broadcast• Broadcast Coat: Eco-MPE with flake broadcast• Grout/Seal Coat: Eco-URE• Topcoat: Eco-HTS 100 |

END OF ADDENDUM NO. 1

Attachments: #1 – Pre-Bid Sign in Sheet
#2 – Section 27 00 00 – Communications
#3 – Drawings A2.00, A6.02 and A7.30

Sign-In Sheet

| | | | |
|-----------------------------------|---|----------------------------|-------------------|
| Project Name (Description) | Mamaroneck Union Free School District Capital Improvement Projects at Chatsworth Ave. School | Conference Date: | December 14, 2020 |
| Project # | 4.1092.72.03 | Time: | 3:00 PM |
| Conference Location: | Chatsworth Ave. School 34 Chatsworth Avenue, Larchmont, NY 10538 | Type of Conference: | Pre-Bid Meeting |
| | | Recorded By: | Danielle Farrell |

PLEASE PRINT LEGIBLY

| Attendee | Firm/Title | Phone Number | Email Address | Contract Bidding On |
|------------------|---------------------------------|--------------|-----------------------------|---------------------|
| Giusto Lucido | KEMNER | 347 437 1920 | giuculano@kemper-system.com | |
| VINCENT FURIO | GRALE | 914-830-4953 | estimating@gcdny.com | GC |
| James GRANAM | WESTA-CONST. | 516 658 7166 | NICK@WESTA-CONSTRUCTION.COM | GC |
| Rod Roxbury | North east Industrial Floorings | 860 292 5920 | NIFCW@NIFEPoxyFloor.com | Epoxy Floor |
| Gustavo Conroyal | Piazza Inc | 203 923 6353 | gus@piazzabrothers.com | GC |
| John Neil | Renov/APM | 732-326-0499 | jneil@RMNY.com | GC |
| Joe Spadaro | Pierotti Corp | 914 557 2189 | joes@pierotticorp.com | GC |
| Craig P. Ford | Southeast | 845-582-0526 | SPC@southeastplumb.com | Plm |
| FLOR Condoro | UPPER Restoration | 646-406-2735 | flora@upperrestoration.com | SUB |
| Tom Ahern | ETS Contr. | 917-417-1903 | thomas@etscontracting.com | Asbestos |

SECTION 270000 – COMMUNICATIONS

PART 1 - GENERAL

1.1 SUMMARY OF WORK

- A. The scope of work specified by these documents shall result in the provision, installation and testing of the following IT Communications infrastructure, systems and equipment.
1. All Voice and Data System Wiring
 2. Wiring for the ceiling mounted projectors
 3. Projectors and Projector Ceiling Mounts
- B. Systems shall utilize digital technology to integrate the following systems into a single network linking them to a central site:
1. LAN System
 - a. The facility will be provided with wiring for a Local Area Network for all local voice/data and video connectivity.
 - b. Data Network Backbone shall be comprised of 50/125-micrometer, optical fiber cabling.
 - c. Voice Backbone shall be 100 Pair Category 3 UTP cable.
 2. Data Communication System consisting of Category 6 horizontal cabling infrastructure.
 - a. Data Communications Network infrastructure shall be provided as per the specifications herein.
 - b. Topology
 - 1) The network in which this system shall be integrated will consist of existing Main Distribution Frame (MDF) and existing Intermediate Distribution Frames (IDF's) connected to the MDF. The MDF contains the network servers and the network core. All IDF's will terminate horizontal workstation runs. The runs will connect to 10/100/1000 Ethernet switches that are connected to the multi-mode fiber backbone that feeds the core switch that shall service both wired and wireless data networks.
 - 2) The network backbone shall consist of gigabit Ethernet over multi-mode fiber.
 - 3) The horizontal cabling to the desktop from the wiring closets shall consist of Fast Ethernet 100BASE-TX
 - 4) Refer to Division 27 for detailed cabling requirements:
 - c. This section includes the minimum requirements for termination hardware and cable for a Data Communication System.
 - d. Quality Assurance
 - 1) All equipment shall be installed in a neat and workmanlike manner.
 - 2) All methods of construction that are not specifically described or indicated in the Contract Documents shall be subject to the control and approval of the Authority's representative.
 - 3) Materials shall be of the quality and manufacturer indicated. Only equipment and materials manufactured by major manufacturing companies are acceptable. No generic equipment or materials shall be allowed, unless otherwise approved in writing by the Design Consultant.
 - 4) Separation from sources of EMI shall be as specified in section.
 - 5) Communication grounding/earthing and bonding shall be in

accordance with applicable codes and regulations. It is recommended that the requirements of IEC 1000-5-2, ANSI/TIA/EIA-607, or both be observed throughout the entire cabling system.

- 6) Materials and work specified herein shall comply with the applicable requirements of:
 - a) EIA/TIA-568-A.
 - b) EIA/TIA-569-A
 - c) EIA/TIA-606
 - d) EIA/TIA-607
 - e) Underwriters Laboratory
 - f) FCC (including CFR 47 and Part 68 - subpart F)
 - g) National Electric Code
 - h) Local and State Codes
 - i) ISO/IEC 11801
 - j) IEC 1000-5-2
 - k) CSA C22.2
 - l) IEC 60603-7

C. These systems shall be integrated by means of an in building Network of cables.

1. Cable Infrastructure
 - a. All horizontal technology cabling for the new school will be integrated with the data network, telephone, intercom, and security systems, utilizing Category 6; Fiber Optic and coaxial cables.
2. Backbone cabling for data shall utilize laser optimized Fiber Optics cable as specified.
3. Cabling for data and telecommunications between the jack plate and either MDF or IDF shall be category 6 (minimum).
4. Based on distance limitations from MDF/IDF's to the classroom, the cabling distance standard of 290' for data networks shall be adhered to.
5. Backbone cabling for the telephone system shall be multi-pair category 6 UTP sufficient to extend all telephone jacks and shall be run from the MDF/IDF to the Telco DeMarc.
6. All wiring will be in conduit.

1.2 REGULATIONS AND CODE COMPLIANCE

- A. All work and materials shall conform to and be installed, inspected and tested in accordance with the most current governing rules and regulations of federal, state and local governmental agencies.
- B. The following is a list of codes and standards that will apply to this project:
 1. Federal Occupational Safety and Health Administration - OSHA.
 2. National Life Safety Code, NFPA 101.
 3. National Electrical Code (NEC), NFPA 70
 4. Underwriters Laboratory (UL).
 5. ANSI/TIA/EIA - Telecommunications Building Wiring Standards (Most current addition, revision and addenda), including, but limited to, the following compilation series of documents: 568, 570, 598, 606, 607, 758, TSB 67, TSB 72, TSB 75, FIP 174, FIP175, FIP176,
 6. BICSI Telecommunications Distribution Methods Manual, Telecommunications Cabling Installation Manual, Customer-Owned Outside Plant Manual, LAN and Internetworking Design Manual.

7. IEEE Standards.
8. IEEE-SA - National Electrical Safety Code (NEEC)
9. Federal Communications Commission.
10. NEMA – National Electrical Manufacturers’ Association
11. CSA – Canadian Standards Association
12. ADA, Americans with Disabilities Act.

1.3 GLOSSARY

- A. ANSI: American National Standards Institute
- B. ASME: American Society of Mechanical Engineers
- C. ASTM: American Society for Testing Materials
- D. BICSI: Building Industry Consulting Services International
- E. CSA: Canadian Standards Association
- F. EIA: Electronic Industries Association
- G. FCC: Federal Communications Commission
- H. FM: Factory Mutual Insurance Company
- I. IEEE: Institute of Electrical and Electronics Engineers
- J. IRI: Industrial Risk Insurers
- K. ISO: International Standards Organization
- L. NEC: National Electrical Code
- M. NEMA: National Electrical Manufacturers’ Association
- N. NESC: National Electrical Safety Code
- O. NFPA: National Fire Protection Association
- P. OSHA: Occupational Safety and Health Administration
- Q. TIA: Telecommunications Industry Association
- R. UFPO: Underground Facilities Protective Organization
- S. UL: Underwriter’s Laboratories, Inc.

1.4 DEFINITIONS

- A. Approved / Approval: Written permission to use a material or system.
- B. As Called For: Materials, equipment including the execution specified/shown in the contract documents.
- C. Code Requirements: Minimum requirements.

- D. Concealed: Work installed in pipe and duct shafts, chases or recesses, inside walls, above ceilings, in slabs or below grade.
- E. Design Equipment: Refer to the article, BASIS OF DESIGN.
- F. Design Make: Refer to the Article, BASIS OF DESIGN.
- G. Equal or Equivalent: Equally acceptable as determined by Design Consultant.
- H. Exposed: Work not identified as concealed.
- I. Final Acceptance: The Authority's acceptance of the project from Contractor upon certified by the Authority's Representative.
- J. Furnish: Supply and deliver to installation location.
- K. Furnished by Others: Receive delivery at job site or where called for and installed.
- L. Inspection: Visual observations by the Authority's site Representative.
- M. Install: Mount and connect equipment and associated materials ready for use.
- N. Labeled: Refers to classification by a standards agency.
- O. Make: Refer to the article, BASIS OF DESIGN.
- P. Or Approved Equal: Approved equal or equivalent as determined by Design Consultant.
- Q. Authority's Representative: The Prime Professional
- R. Prime Professional: Design Consultant having a contract directly with the Authority for professional services.
- S. Provide: Furnish, install and connect ready for use.
- T. Relocate: Disassemble, disconnect, and transport equipment to new locations, then clean, test, and install ready for use.
- U. Replace: Remove and provide new item.
- V. Review: A general contractual conformance check of specified products.
- W. Roughing: Pipe, duct, conduit, cabling, equipment layout and installation.
- X. Satisfactory: As specified in contract documents.
- Y. Site Representative: Construction Manager at the work site.
- Z. Refer to General Conditions of the Contract for additional definitions.

1.5 INTENT OF DRAWINGS

- A. The drawings are diagrammatic, unless detailed dimensioned drawings are included. Drawings show approximate locations of equipment, and fixtures. Exact locations are subject to the approval of the Authority's Representative.

- B. The Contractor should verify all dimensions locating the work and its relation to existing work, all existing conditions and their relation to the work and all man made obstructions and conditions, etc. affecting the completion and proper execution of the work as indicated in the Contract Documents.

PART 2 – PRODUCTS

2.1 Equipment and Materials Minimum requirements:

A. Materials requirements:

1. All equipment and material for which there is a listing service shall bear a UL label.
2. Electrical equipment and systems shall meet UL Standards and requirements of the NEC and CSA. This listing requirement applies to the entire assembly. Any modifications to equipment to suit the intent of the specifications shall be performed in accordance with these requirements.
3. Equipment shall meet all applicable FCC Regulations
4. All materials, unless otherwise specified, shall be new and be the standard products of the manufacturer. Used equipment or damaged material will be rejected.
5. The listing of a manufacturer as “acceptable” does not indicate acceptance of a standard or catalogued item of equipment. All equipment and systems must conform to the Specifications and meet the quality of the design make.
6. Where applicable, all materials and equipment shall bear the label and listing of Underwriters Laboratory of Factory Mutual. Application and installation of all equipment and materials shall be in accordance with such labeling and listing.

B. Proprietary Specifications:

1. Subject to compliance with codes and all project requirements, the Contractor is required to use the indicated product/manufacturer and to verify compatibility with the project School District’s existing systems.

2.2 CABLES

- A. Any cable associated with this Contract, passing through two or more floors shall be suitable, listed and marked for use in a riser or plenum application. Riser cable shall minimally be CMR or OFNR rated per the National Electrical Code and shall meet all local and state codes.
- B. Any cable associated with this Contract shall be rated, listed and marked for use in a plenum application, regardless if the ceiling is a ducted return air plenum or not. Cable shall meet all local and state codes.
- C. Voice copper backbone cables, if required, shall be twisted 24 AWG, contain a corrugated aluminum shield, be of the size indicated on the drawings and have the proper jacket classification per the NEC.
- D. All copper underground feeder cable associated with this Contract, if required, shall be suitable, listed and marked for use in a duct application per the National Electrical Code article 800 and shall meet all local codes. Copper underground cables shall be jell-filled, twisted 24 AWG., contain a overall corrugated shield, be of the size indicated on the drawings, shall have footage indicators imprinted on the cable jacket and shall meet REA/RUS specification PE-39 or PE-89.

2.3 FACTORY ASSEMBLED PRODUCTS

- A. Provide maximum standardization of components to reduce spare part requirements.
- B. Manufacturers of equipment assemblies that include components made by others shall assume complete responsibility for final assembled unit.
 - 1. All components of an assembled unit need not be products of same manufacturer.
 - 2. Constituent parts, which are alike, shall be product of a single manufacturer.
 - 3. Components shall be compatible with each other and with the total assembly for intended service.
- C. Components of equipment shall bear manufacturer's name or trademark, model number and serial number on a nameplate securely affixed in a conspicuous place, or cast integral with, stamped or otherwise permanently marked upon the components of the equipment.
- D. Major items of equipment that serve the same function must be the same make and model. Exception will be permitted if performance requirements cannot be met.

2.4 COMPATABILITY OF RELATED EQUIPMENT

- A. Equipment and materials installed shall be compatible in all respects with other items being furnished and with existing items so that a complete and fully operational system will result.
- B. Provide maximum standardization of components to reduce spare part requirements.
- C. Manufacturers of equipment assemblies that include components made by others shall assume complete responsibility for final assembled unit.
 - 1. All components of an assembled unit need not be products of same manufacturer.
 - 2. Constituent parts that are alike shall be product of a single manufacturer.
 - 3. Components of equipment shall bear manufacturer's name or trademark, model number and serial number on a nameplate securely affixed in a conspicuous place, or cast integral with, stamped or otherwise permanently marked upon the components of the equipment.

2.5 LIFTING ATTACHMENTS

- A. Equipment should have suitable lifting attachments to enable equipment to be lifted in its normal position. Lifting attachments shall withstand any handling conditions that might be encountered without bending or distortion of shape, such as rapid lowering and braking of load.

2.6 MISCELLANEOUS SUPPORTS

- A. Metal bars, plates, tubing, etc. shall conform to the following ASTM standards:
 - 1. Steel plates, shapes, bars, and grating - ASTM A 36
 - 2. Cold-Formed Steel Tubing - ASTM A 500
 - 3. Hot - Rolled Steel Tubing - ASTM A 500
 - 4. Steel Pipe - ASTM A 53, Schedule 40, welded
- B. Metal Fasteners shall be Zinc-coated (type, grade and class as required)

2.7 FIRESTOPPING

- A. Firestopping for Openings through Fire and Smoke Rated Walls and Floor Assemblies shall be listed or classified by an approved independent testing laboratory for "Through-Penetration Firestop Systems." The system shall meet the requirements of "Fire Tests of Through-Penetration Firestops" designated ASTM E814.
- B. Inside of all conduits, the firestop system shall consist of a dielectric, water resistant, non-hardening, permanently pliable/re-enterable putty along with the appropriate damming or backer materials (where required). The sealant must be capable of being removed and reinstalled and must adhere to all penetrants and common construction materials and shall be capable of allowing normal wire/cable movement without being displaced.
- C. All conduit and sleeve openings shall be waterproofed or fireproofed in compliance with New Jersey Building and Fire Codes. Strict adherence to National and State Fire Codes, particularly firestopping will be required.
- D. All openings remaining around and inside all conduit, sleeves and cable penetrations to maintain the integrity of any fire rated wall, ceiling, floor, etc. shall be patched.
- E. All building conduits and sleeves installed and/or used under this contract shall be firestopped or re-firestopped upon cable placement through such passageways.
- F. Manufacturer's recommended installation standards must be closely followed (i.e. minimum depth of material, use of ceramic fiber and installation procedures).
- G. Provide firestop system seals at all locations where conduit, fiber, cable trays, cables/wires, and similar utilities pass through or penetrate fire rated wall or floor assembly. Provide firestop seal between sleeve and wall for drywall construction.
- H. The minimum required fire resistance ratings of the wall or floor assembly shall be maintained by the firestop system. The installation shall provide an air and watertight seal.
- I. The methods used shall incorporate qualities that permit the easy removal or addition of conduits or cables without drilling or use of special tools. The product shall adhere to itself to allow repairs to be made with the same material and permit the vibration, expansion and/or contraction of any items passing through the penetration without cracking, crumbling and resulting reduction in fire rating. Typical rating:
 - 1. Floors - 3 hours
 - 2. Corridor walls - 2 hours
 - 3. Offices - $\frac{3}{4}$ hour
 - 4. Smoke partitions - $\frac{3}{4}$ - 1 hour
- J. Provide firestop pillows for existing cable tray penetrations through firewalls.

PART 3 - EXECUTION

3.1 ROUGH-IN

- A. Due to small scale of Drawings, it is not possible to indicate all offsets, fittings, changes in elevation, etc. Verify final locations for installation with field measurements and with the equipment being connected. Verify exact location and elevations at work site prior to any rough in work. If field conditions, details, changes in equipment or shop drawing information require a significant change to the original documents, contact the Authority's representative for approval before proceeding.
- B. All equipment locations shall be coordinated with other trades, other renovation projects, and existing conditions to eliminate interference with required clearances for equipment maintenance and inspection.
 - 1. Coordinate work with other trades, other renovation projects, and existing conditions to determine exact routing of all cable tray, hangers, conduit, etc., before fabrication and installation. Coordinate with Technology Drawings. Verify with the Authority's Representative exact location and mounting height of all equipment in finished areas, such as equipment racks, communication and electrical devices. Coordinate all work with existing architecture.
 - 2. Where more than one trade is involved in an area, space or chase, all shall cooperate and install their own work to utilize the space equally between them in proportion to their individual requirements. There will be no priority schedule for trades. If, after installation of any equipment, piping, ducts, conduit, and boxes, it is determined that ample maintenance and passage space has not been provided, rearrange work and/or furnish other equipment as required for ample maintenance space. Any changes in the size or location of the material or equipment supplied or proposed, which may be necessary in order to meet field conditions or in order to avoid conflicts between trades, shall be brought to the immediate attention of the Authority's Representative and approval received before such alterations are made.
- C. Provide easy, safe, and code mandated clearances at equipment racks and enclosures, and other equipment requiring maintenance and operation.

3.2 CUTTING AND PATCHING

- A. Cut and drill from both sides of walls and/or floors to eliminate splaying. Patch adjacent existing work disturbed by installation of new work including insulation, walls and wall covering, ceiling and floor covering, other finished surfaces. Patch and/or paint openings and damaged areas equal to existing surface finish. Cut openings in prefabricated construction units in accordance with manufacturer's instructions.

3.3 CONCEALMENT

- A. Use existing conduit and surface raceway where possible and practicable. Conceal all contract work above ceilings and in walls, below slabs, and elsewhere throughout building. If concealment is impossible or impractical, notify the Authority's Representative before starting that part of the work and install only after his review. In areas with no ceilings, install only after the Authority's Representative reviews and comments on arrangement and appearance.

3.4 CHASES

A. General

1. Field verifies for correct size and location for all openings, recesses and chase.
2. Assume responsibility for correct and final location and size of such openings.
3. Rectify improperly sized, improperly located or omitted chases or openings due to faulty or late information or failure to check final location.
4. Correct, by drilling, omitted or improperly located sleeves. Assume responsibility for all work and equipment damaged during course of drilling. Cap or firestop all unused conduits and sleeves.
5. Provide angle iron frame where openings are required for contract work.
6. Seal voids in fire rated assemblies with a firestopping seal system to maintain the fire resistance of the assembly. Provide 18 gauge-galvanized sleeves at fire rated assemblies. Extend sleeves 2" above floors.
7. In wall openings, drill or cut holes to suit. Provide 18 gauge galvanized sleeves at shafts and fire rated assemblies. Provide firestopping seal between sleeves and wall in drywall construction. Provide firestopping similar to that for floor openings.

3.5 WATERPROOFING

- A. The Contractor shall seal all foundation penetrating conduits and all service entrance conduits and sleeves to eliminate the intrusion of moisture and gases into the building. This requirement also includes spare conduits.
- B. Spare conduits shall be plugged with expandable plugs.
- C. All service entrance conduits through building shall be sealed or resealed upon cable placement.
- D. Conduits with cables in them shall be permanently sealed by firmly packing the void around the cable with oakum and capping with a hydraulic cement or waterproof duct seal.

3.6 SUPPORTS

- A. Provide required supports, beams, angles, hangers, rods, bases, braces, straps, struts, and other items to properly support contract work. Supports shall meet the approval of the the Authority's Representative. Modify studs, add studs, add framing, or otherwise reinforce studs in metal stud walls and partitions as required to suit contract work. If necessary, in stud walls, provide special supports from floor to structure above. For precast Panels/Planks and Metal Decks, support communication work as determined by manufacturer and the Authority's Representative. Provide heavy gauge steel mounting plates for mounting contract work. Mounting plates shall span two or more studs. Size, gauge, and strength of mounting plates shall be sufficient for equipment size, weight, and desired rigidity.

3.7 GENERAL INSTALLATION REQUIREMENTS

- A. Coordinate ordering and installation of all equipment with long lead times or having a major impact on work by other trades so as not to delay the job or impact the schedule.
- B. Where mounting heights are not detailed or dimensioned, install systems, materials and equipment to provide the maximum headroom possible.
- C. Set all equipment to accurate line and grade, level all equipment and align all equipment

components.

- D. Provide all scaffolding, rigging, hoisting and services necessary for erection and delivery of equipment and apparatus furnished into the premises. These items shall be removed from premises when no longer required.
- E. No equipment shall be hidden or covered up prior to inspection by the Authority's representative. All work that is determined to be unsatisfactory shall be corrected immediately.
- F. All work shall be installed level and plumb, parallel and perpendicular to other building systems and components.

3.8 IMPLEMENTATION

- A. The contractor shall provide and install all hardware, software, connections and appurtenances required for fully operational systems.

END OF SECTION 270000

Construction Key Notes - Work Area 'A'

- 1. GC TO CLEAN EXISTING BRICK AND CAST STONE. SEE SPECIFICATION SECTION 040110 - MASONRY CLEANING
2. GC TO CLEAN EXISTING CAST STONE BASE INCLUDING PORTION EXPOSED BY EXCAVATION AND REGRADING IN WORK AREA. SEE SPECIFICATION SECTION 040110 - MASONRY CLEANING
3. SEE CIVIL DRAWINGS FOR INFORMATION REGARDING NEW RETAINING WALL
4. SEE CIVIL DRAWINGS FOR INFORMATION REGARDING NEW STAIR AND LANDING
5. SEE CIVIL DRAWINGS FOR INFORMATION REGARDING NEW EXTERIOR RAMP AND SITE DRAINAGE
6. GC TO PROVIDE AND INSTALL NEW CAST STONE ARCHWAY. ARCHWAY SIZE, COURSING, AND STONE PROFILES TO MATCH EXISTING CAST STONE ARCHWAY AT EXISTING CAFETERIA ENTRY / COURTYARD ENTRY VESTIBULE. VERIFY ALL SIZES IN FIELD. ARCHWAY DEPTH TO ACCOMMODATE NEW MASONRY WALL. SEE SPECIFICATION SECTION 047200 - CAST STONE MASONRY
7. GC TO CLEAN EXISTING CAST STONE ARCHWAY TO BE EXPOSED WITHIN NEW INTERIOR SPACE. SEE SPECIFICATION SECTION 040110 - MASONRY CLEANING
8. GC TO PROVIDE AND INSTALL NEW PREMANUFACTURED RECESSED DISPLAY CASE WITH PRE-INSTALLED LED LIGHTING TO FIT WITHIN EXISTING WINDOW OPENING, 8'-1" WIDE BY 3'-6" TALL, CUSTOM DEPTH TO BE 14". VERIFY ALL SIZES IN FIELD. INTERIOR AND EXTERIOR FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE. EC TO PROVIDE POWER AND JUNCTION BOX TO LOCATION. SEE SPECIFICATION SECTION 101200 - DISPLAY CASES
9. GC TO PROVIDE AND INSTALL NEW PREMANUFACTURED RECESSED DISPLAY CASE WITH PRE-INSTALLED LED LIGHTING TO FIT WITHIN EXISTING WINDOW OPENING, 8'-8" WIDE BY 3'-6" TALL, CUSTOM DEPTH TO BE 14". VERIFY ALL SIZES IN FIELD. SILL HEIGHT TO MATCH EXISTING WINDOW SILL, 142" AFF. FIELD VERIFY. INTERIOR AND EXTERIOR FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE. EC TO PROVIDE POWER AND JUNCTION BOX TO LOCATION. SEE SPECIFICATION SECTION 101200 - DISPLAY CASES
10. GC TO INSTALL NEW CONCRETE STAIR WITH METAL HANDRAILS. HANDRAIL FINISH TO BE SELECTED BY ARCHITECT. SEE STRUCTURAL DRAWINGS, INTERIOR ELEVATIONS, AND FLOOR FINISH PLANS FOR ADDITIONAL INFORMATION.
11. GC TO PROVIDE AND INSTALL NEW SEMI-RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER. MAINTAIN FIRE RATING OF WALL THROUGHOUT WHERE APPLICABLE. INSTALL 48" AFF TO TOP OF EXTINGUISHER. SEE SPECIFICATION SECTION 104400 - FIRE PROTECTION SPECIALTIES
12. GC TO PROVIDE AND INSTALL NEW INTERIOR EXPANSION JOINT COVERS AT HEAD, JAMB, AND SILL OF DOOR, BOTH SIDES OF FIRE WALL. TYPICAL. SEE SPECIFICATION SECTION 079513 - EXPANSION JOINT COVER ASSEMBLIES
13. GC TO PROVIDE AND INSTALL NEW INTERIOR EXPANSION JOINT COVERS AT NEW FLOOR SLAB INTERSECTION AND AT ADJOINING WALL. TYPICAL. SEE SPECIFICATION SECTION 079513 - EXPANSION JOINT COVER ASSEMBLIES
14. GC TO PROVIDE AND INSTALL NEW EXPANSION JOINT. STEP JOINT AS REQUIRED TO FOLLOW PROFILE OF ADJACENT WALL. TYPICAL. SEE SPECIFICATION SECTION 079000 PRE-COMPRESSED EXPANSION JOINTS
15. AREA OF NEW WALK-OFF SURFACE. GC TO RECESS NEW FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW WALK OFF SURFACE TO PROVIDE A FLUSH TRANSITION WITH NEW ADJACENT FINISH FLOOR. SEE FLOOR FINISH PLAN AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION. SEE SPECIFICATION SECTION 124840 - ENTRANCE MATS AND GRATES
16. GC TO PRESERVE EXISTING FINISHES THIS AREA. PAINT NEW / INFILL WALLS THIS AREA TO MATCH ADJACENT. TYPICAL. NEW WALL BASE OF NEW WALLS TO MATCH EXISTING BASE. MODIFY EXISTING CEILING TILES / GRID TO ACCOMMODATE NEW WALLS. TYPICAL. PROVIDE NEW ACT / GRID TO MATCH EXISTING WHERE NECESSARY. SEE SPECIFICATION SECTION 042113 - BRICK MASONRY
17. NEW LINTEL OR MODIFIED EXISTING LINTEL IN EXISTING MASONRY WALL. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
18. GC TO INSTALL NEW ROOF SYSTEM 1" INSTALLED OVER NEW EXISTING CONCRETE ROOF DECK. MINIMUM R-30. SEE TYPICAL DETAIL 1/A8.10 FOR ADDITIONAL INFORMATION
19. GC TO PROVIDE AND INSTALL NEW BATT INSULATION, MINIMUM R-38. SEE SPECIFICATION 072100 - BUILDING INSULATION
20. GC TO GRIND EXISTING CUT MASONRY SMOOTH FOR A FINISHED APPEARANCE. PATCH AND REPAIR WITH LIKE IN KIND AS REQUIRED
21. FURNITURE / EQUIPMENT BY OWNER, NIC. SHOWN FOR REFERENCE
22. GC TO INSTALL NEW BUILT-UP PLYWOOD SUBFLOOR. HEIGHT TO ACCOMMODATE A FLUSH TRANSITION OF NEW FINISH FLOOR THIS AREA WITH ADJACENT FINISH FLOORS. VERIFY ALL HEIGHTS IN FIELD. PREPARE NEW SUBFLOOR FOR INSTALLATION OF NEW FLOOR FINISH. SEE FLOOR FINISH PLAN FOR ADDITIONAL INFORMATION
23. GC TO INFILL EXISTING CONCRETE ROOF SLAB WITH NEW SELF LEVELER. NEW FINISH FLOOR TO MATCH FINISH FLOOR OF ADJACENT SPACES, APPROXIMATE DEPTH: 1 1/2". VERIFY IN FIELD. PREPARE EXISTING FLOOR SURFACE PER MANUFACTURERS INSTRUCTIONS. SEE SPECIFICATION SECTION 035416 - CEMENT-BASED, INTERIOR, SELF LEVELING UNDERLAYMENT.
24. AREA OF NEW RAISED CEMENT-BASED UNDERLAYMENT RAMP LANDING. FINISH FLOOR TO MATCH ADJACENT. PREPARE SURFACE FOR INSTALLATION OF NEW FLOOR FINISH. SEE FLOOR FINISH PLAN FOR ADDITIONAL INFORMATION. SEE SPECIFICATION SECTION 035416 - CEMENT-BASED, INTERIOR, SELF LEVELING UNDERLAYMENT
25. AREA OF NEW CEMENT-BASED UNDERLAYMENT RAMP. PREPARE SURFACE FOR INSTALLATION OF NEW FLOOR FINISH. SEE FLOOR FINISH PLAN FOR ADDITIONAL INFORMATION. SEE SPECIFICATION SECTION 035416 - CEMENT-BASED, INTERIOR, SELF LEVELING UNDERLAYMENT

- 26. EXISTING CAST STONE CORNICE AND BRICK WALL BELOW. GC TO CLEAN EXISTING BRICK AND CAST STONE. SEE SPECIFICATION SECTION 040110 - MASONRY CLEANING
27. EXISTING ELECTRICAL PANELS AND FIRE ALARM PANEL TO BE ENCLOSED IN NEW CLOSET. PROTECT DURING CONSTRUCTION. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
28. GC TO PROVIDE AND INSTALL NEW METAL FRAMED RAMP LANDING. PREPARE SURFACE FOR INSTALLATION OF NEW FLOOR FINISH. SEE STRUCTURAL DRAWINGS AND NEW FLOOR FINISH PLAN FOR ADDITIONAL INFORMATION
29. GC TO PROVIDE AND INSTALL NEW WOOD AND PLASTIC LAMINATE BUILT-IN OPEN STUDENT LOCKERS BY 'CASE SYSTEMS' (BASIS OF DESIGN) MODEL 'Y8230' 48" WIDTH WITH COAT HOOKS. MOUNT ON WALL 5' AFF TO TOP. PROVIDE WALL BLOCKING AS REQUIRED AND ALL NECESSARY HARDWARE FOR A COMPLETE INSTALLATION. ALL FINISHES TO BE SELECTED BY ARCHITECT. SEE SPECIFICATION SECTION 123554 - MANUFACTURED CASEWORK
30. GC TO PROVIDE AND INSTALL NEW METAL FRAMED RAMP WITH METAL HANDRAILS. HANDRAIL FINISH TO BE SELECTED BY ARCHITECT. PREPARE SURFACE FOR INSTALLATION OF NEW FLOOR FINISH. SEE STRUCTURAL DRAWINGS AND NEW FLOOR FINISH PLAN FOR ADDITIONAL INFORMATION
31. NEW ELECTRICAL EQUIPMENT. COORDINATE WORK WITH EC. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
32. AREA OF EXISTING LOW SLOPE FOAM ROOF TO REMAIN
33. AREA OF EXISTING SLOPED SHINGLED ROOF TO REMAIN
34. EXISTING GUTTER AND LEADER TO REMAIN UNLESS NOTED OTHERWISE
35. GC TO PROVIDE AND INSTALL NEW 8"x8" .040" METAL BOX GUTTER WITH MATCHING 6"x6" .040" LEADERS AS SHOWN TO DRAIN ONTO NEW SPLASH BLOCKS AT ROOF BELOW
36. GC TO PROVIDE AND INSTALL NEW 8" HIGH BY 16" WIDE EMERGENCY OVERFLOW THROUGH WALL SCUPPER WITH 12"x12" METAL MOTOR HEAD AND 6"x6" .040" LEADERS AS SHOWN. SUMP TO SCUPPER AS SHOWN. REFER TO DETAILS 8/A10A8.10
37. GC TO PROVIDE AND INSTALL NEW ROOF DRAIN. GC TO PROVIDE FLASHING. REFER TO DETAIL 8/A8.10
38. GC TO PROVIDE AND INSTALL NEW METAL COPING. HEIGHT TO MATCH EXISTING FOREST PARK AVE. BUILDING. FINISH TO BE SELECTED BY ARCHITECT
39. EXISTING COPING TO REMAIN
40. GC TO PROVIDE AND INSTALL NEW OSHA COMPLIANT ROOF LADDER WITH HANDRAIL. EXTENSION WALK-THROUGH WITH PLATFORM AND WALL STANDOFFS AT A DISTANCE ADEQUATE TO PROVIDE CLEARANCE AT GUTTER. VERIFY REQUIRED HEIGHTS. FASTEN SECURELY TO WALL STRUCTURE. TYPICAL. PROVIDE BLOCKING AS REQUIRED. FLASH ALL ATTACHMENTS PER ROOF / SYSTEM MANUFACTURERS RECOMMENDATIONS
41. GC TO PROVIDE AND INSTALL EXPANSION JOINT AT ROOF / WALL INTERSECTION. REFER TO DETAIL 8/A8.10
42. GC TO PROVIDE AND INSTALL NEW 'TOTAL FLASH' BY 'MORTAR-NET' FLASHING SYSTEM (BASIS OF DESIGN) WITH INTEGRAL 24 GA COPPER DRIP. INSTALL PER MANUFACTURER RECOMMENDATIONS. SEE TYPICAL FLASHING DETAIL 3/A4.02. SEE SPECIFICATION SECTION 042113 - BRICK MASONRY
43. GC TO PROVIDE AND INSTALL NEW BRICK FACADE. BRICK BOND TO BE FLEMISH BOND THROUGHOUT. BRICK AND MORTAR TO MATCH FOREST PARK AVE. PORTION OF BUILDING. MATCH COURSING WITH FOREST PARK AVE. WING. TYPICAL. SEE SPECIFICATION SECTION 042113 - BRICK MASONRY
44. GC TO PROVIDE AND INSTALL NEW FULL BED VENEER CAST STONE. COLOR AND MORTAR TO MATCH FOREST PARK AVE. PORTION OF BUILDING. MATCH COURSING WITH FOREST PARK AVE. WING. TYPICAL. SEE SPECIFICATION SECTION 042113 - BRICK MASONRY
45. GC TO PROVIDE AND INSTALL NEW FULL BED VENEER CAST STONE DECORATIVE CORNICE. NEW STONE CORNICE TO MATCH PROFILE OF EXISTING STONE CORNICE INDICATED ON DRAWING 1/A3.01. VERIFY ALL DIMENSIONS IN FIELD. COLOR AND MORTAR TO MATCH FOREST PARK AVE. PORTION OF BUILDING. SEE SPECIFICATION SECTION 047200 - CAST STONE MASONRY
46. GC TO PROVIDE AND INSTALL NEW WALL MOUNTED METAL HANDRAIL. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION
47. GC TO PROVIDE AND INSTALL NEW FULL BED VENEER CAST STONE WINDOW SURROUND AND SILL. SILL TO PROJECT MINIMUM 1 1/2" FROM WALL. PROVIDE CONTINUOUS DRIP. COLOR AND MORTAR TO MATCH FOREST PARK AVE. PORTION OF BUILDING. SEE SPECIFICATION SECTION 047200 - CAST STONE MASONRY
48. GC TO PROVIDE AND INSTALL NEW CAST STONE SILL. SILL TO PROJECT MINIMUM 1 1/2" FROM WALL. PROVIDE CONTINUOUS DRIP. COLOR AND MORTAR TO MATCH FOREST PARK AVE. PORTION OF BUILDING. SEE SPECIFICATION SECTION 047200 - CAST STONE MASONRY
49. NEW BRICK QUORN / BUMP-OUT AS SHOWN. BRICK TO PROJECT 1" TYPICAL. ALIGN BRICK COURSING. TYPICAL. SEE SPECIFICATION SECTION 042113 - BRICK MASONRY
50. LINE OF NEW BRICK ABOVE. SEE SECTIONS
51. NEW LOUVER BY MC. GC TO PROVIDE OPENING. MC TO PROVIDE AND INSTALL NEW LOUVER. COORDINATE WORK WITH MC. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
52. GC TO PROVIDE AND INSTALL NEW OSHA COMPLIANT LADDER WITH HANDRAIL. EXTENSION WALK-THROUGH. VERIFY REQUIRED HEIGHTS. FASTEN SECURELY TO NEW DUNNAGE. TYPICAL
53. GC TO PROVIDE AND INSTALL NEW STEEL DUNNAGE FOR NEW MECHANICAL EQUIPMENT. SEE MECHANICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
54. NEW MECHANICAL UNIT AND DUCTWORK BY MC. COORDINATE WORK WITH MC. SEE MECHANICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
55. NEW MECHANICAL UNIT BY MC. COORDINATE WORK WITH MC. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

- 56. NEW MECHANICAL ROOF UNITS AND DUCTWORK ON NEW RAIL CURBS. RAIL CURBS PROVIDED BY MC. GC TO INSTALL. MECHANICAL UNIT AND DUCTWORK BY MC. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. REFER TO DETAILS 384/A8.10
57. GC TO PROVIDE AND INSTALL NEW FLOOR SYSTEM. FINISH FLOOR ON CONCRETE SLAB OVER 15 MIL. VAPOR BARRIER OVER COMPACTED CRUSHED STONE. PREPARE SUBFLOOR TO RECEIVE NEW FLOOR FINISH PER MANUFACTURERS RECOMMENDATIONS. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
58. NEW ELEVATOR FOUNDATION AND SUMP PIT. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
59. GC TO PROVIDE AND INSTALL RIGID INSULATION PER TYPICAL DETAIL 4/A4.02 VERTICALLY UP FOUNDATION WALL AND HORIZONTALLY UNDER SLAB AS SHOWN. TYPICAL ALL FOUR SIDES AT ENTRY AREA
60. GC TO PROVIDE NEW CONCRETE FLOOR / ROOF SYSTEM. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
61. NEW STEEL STRUCTURE. GC TO FIRE PROTECT ENTIRE LOAD BEARING STEEL STRUCTURE INCLUDING SUPPORT ANGLES WITH NEW SPRAY APPLIED FIREPROOFING. SEE FIRE RATING REQUIREMENTS ON CODE ANALYSIS SHEET CA.003. SEE SPECIFICATION SECTION 078100 - APPLIED FIREPROOFING
62. GC TO PROVIDE AND INSTALL NEW ALUMINUM STOREFRONT ASSEMBLY INTO NOTCHED AREA OF EXISTING CAST STONE WATER TABLE. SEALANT AT ALL JOINTS. TYPICAL. SEE DEMOLITION PLANS AND DOOR ELEVATIONS AND DETAILS FOR ADDITIONAL INFORMATION
63. GC TO PROVIDE AND INSTALL NEW FIRESTOPPING ALL SIDES. TYPICAL. SEE FIRESTOPPING DETAILS ON SHEET 88.05
64. GC TO FILL ALL VOIDS SOLID WITH SPF INSULATION AREA SHOWN
65. GC TO PROVIDE AND INSTALL WEEPS AT BASE OF EXPANSION JOINT
66. GC TO MODIFY / REMOVE PORTION OF EXISTING STONE CORNICE / WATER TABLE AS REQUIRED FOR INSTALLATION OF NEW STRUCTURAL COMPONENTS AND CEILING ATTACHMENT. VERIFY ACTUAL CONDITION IN FIELD. SEE STRUCTURAL DRAWINGS
67. MC REINSTATE EXISTING ROOF DRAIN IN ADJACENT LOCATION. GC TO MODIFY ROOF INSULATION IN THE AREA AS REQUIRED TO PROVIDE ADEQUATE SUMP TO DRAIN. COORDINATE WITH NEW MECHANICAL DUCT IN THIS AREA. REFER TO PLUMBING AND MECHANICAL DRAWINGS FOR EXACT LOCATION. GC TO PATCH EXISTING CONCRETE ROOF SLAB AND ROOF SYSTEM. SEE STRUCTURAL DRAWINGS AND ROOF DETAILS
68. GC TO INSTALL NEW CURB FOR MECHANICAL ROOFTOP UNIT. CURBS PROVIDED BY MC. GC TO INSTALL. MECHANICAL UNIT BY MC. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. REFER TO DETAIL 5/A8.10
69. GC TO INSTALL NEW CURB AT NEW DUCT PENETRATION. CURBS PROVIDED BY MC. GC TO INSTALL. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. REFER TO DETAIL 6/A8.10
70. GC TO INSTALL NEW PENETRATION FOR COLUMNS AT NEW DUNNAGE. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. INFILL INSULATION AND INSTALL NEW ROOF SYSTEM. FLASH SIM. TO 2/A8.10. INSTALL FLASHING AT COLUMN PER DETAIL 7/A8.10
71. GC TO INFILL THE ROOF OPENING LEFT AFTER THE EXHAUST FAN REMOVAL. REFER TO DETAIL 2/A8.10
72. GC TO INSTALL NEW VENT AND DUCTWORK FLASHING. REFER TO DETAIL 7/A8.10 FOR ADDITIONAL INFORMATION
73. GC TO INSTALL NEW MASONRY AND GYP. INFILL AT WINDOW REMOVAL PER WALL TYPE. WRAP GYP INTO EXISTING WINDOW JAMB AND PATCH AND PAINT TO MATCH
74. GC TO PROVIDE AND INSTALL NEW FLOOR FINISH. REFER TO FINISH SCHEDULE FOR FINISH MATERIAL AND SPECIFICATION FOR SURFACE PREPARATION AND INSTALLATION REQUIREMENTS
75. GC TO PROVIDE AND INSTALL NEW WALL BASE. REFER TO FINISH SCHEDULE
76. GC TO PROVIDE AND INSTALL AREA OF NEW PAINTED GWB. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION
77. GC TO PROVIDE AND INSTALL NEW PORCELAIN WALL TILE. SEE WALL FINISH PLAN ON A7.00 FOR PATTERN AND ADDITIONAL INFORMATION. SEE SPECIFICATION SECTION 093019 - PORCELAIN WALL TILE
78. GC TO PROVIDE AND INSTALL FINISHED CEILING. REFER TO FINISH SCHEDULE AND REFLECTED CEILING PLAN
79. GC TO PROVIDE AND INSTALL NEW LADDER IN ELEVATOR PIT.
80. NEW DUCTWORK BY MC. GC TO COORDINATE EXACT LOCATION WITH MC. GC TO PROVIDE AND INSTALL FIRESTOPPING AS REQUIRED. MAINTAIN FIRE RATING THROUGHOUT. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
81. GC TO LOCATE CONTINUOUS CONTROL JOINT IN BRICK AND CAST STONE FLUSH TO OUTSIDE OF WINDOW AS SHOWN
82. GC TO PROVIDE AND INSTALL NEW 18"x18" CEILING ACCESS DOOR MODEL 'FWC-5015' BY 'ACUDOR'. COORDINATE LOCATION WITH MC. FINISH AND PAINT INTEGRAL. GWB TO MATCH ADJACENT. SEE SPECIFICATION SECTION 083113 - ACCESS DOORS AND FRAMES
83. PROVIDE MIN. 3/8" THERMAL BREAK IN CONCRETE SLAB UNDER DOOR
84. GC TO PROVIDE AND INSTALL NEW 5/8" GWB SOFFIT OVER 3/8" LIGHT GAUGE METAL STUD FRAMING @ 16" O.C. TYP. BRACE AS REQUIRED. COORDINATE BRACING WITH LOCATION OF NEW FLUSH CEILING MOUNTED HEATING UNIT. SEE REFLECTED CEILING PLANS AND MECHANICAL DRAWINGS
85. GC TO REINSTALL EXISTING ROOF LADDER TO NEW LOCATION. PROVIDE ALL HARDWARE REQUIRED FOR A COMPLETE INSTALLATION. SEAL CONNECTION TO WALL WITH FLUID APPLIED FLASHING
86. GC TO INSTALL COLUMNS FOR NEW DUNNAGE AT PARAPET PER STRUCTURAL DRAWINGS. INFILL AREA WITH PT WOOD BLOCKING AS REQUIRED. WRAP NEW LIQUID ROOFING SYSTEM OVER PARAPET AND FLASH COLUMN INTERSECTION PER 7/A8.10. GC TO PROVIDE AND INSTALL NEW COPING TO MATCH EXISTING ADJACENT COPING. SEAL ALL JOINTS AT COLUMN INTERSECTION WITH FLUID APPLIED FLASHING. TYP.

Construction Key Notes - Work Area 'D'

- SEE CONSTRUCTION KEYNOTES FOR THIS WORK AREA ON SHEET A7.30
Construction Key Notes - Work Area 'E'
SEE CONSTRUCTION KEYNOTES FOR THIS WORK AREA ON SHEET A2.40
Construction Key Notes - Work Area 'H'
SEE CONSTRUCTION KEYNOTES FOR THIS WORK AREA ON SHEET A8.30
Construction Key Notes - Work Area 'L'
SEE CONSTRUCTION KEYNOTES FOR THIS WORK AREA ON SHEET A5.40

- Construction Key Notes - Work Area 'M'
1. GC TO INFILL OPENING AT REMOVED MECHANICAL LOUVER OR OTHER DEVICE WITH NEW MASONRY CONSTRUCTION. STITCH IN NEW BRICK AND MORTAR TO MATCH EXISTING WHERE APPLICABLE AT EXTERIOR. MATCH AREAS OF ADJACENT CAST STONE WITH NEW CAST STONE AND MORTAR TO MATCH EXISTING WHERE APPLICABLE AT EXTERIOR. MATCH EXISTING FINISH AT INTERIOR. PAINT TO MATCH ADJACENT. TYPICAL. MAINTAIN FIRE RATINGS THROUGHOUT. COORDINATE WORK WITH MC. TYPICAL. SEE MECHANICAL DRAWINGS FOR SIZE AND LOCATION
2. GC TO PROVIDE AND INSTALL NEW FLOOR MOUNTED DOOR STOP AT EXISTING DOOR TO PREVENT DOOR LEAF INDICATED FROM OPENING BEYOND NINETY DEGREES TO AVOID INTERFERENCE WITH AREA OF TEMPORARY OCCUPANCY. SEE CODE ANALYSIS SHEETS FOR ADDITIONAL INFORMATION
3. GC TO PROVIDE AND INSTALL INTUMESCENT PAINT FIRE PROTECTION AT WOOD CONSTRUCTION CEILING THIS AREA TO PROVIDE (2) HOUR FIRE RATING FOR ENTIRE FLOOR CONSTRUCTION INCLUDING ALL SUPPORTING MEMBERS THROUGHOUT THE AREA INDICATED. INSTALL PER MANUFACTURERS RECOMMENDATIONS. TYPICAL

CONSTRUCTION KEYNOTES OMITTED FOR WORK AREAS: 'F', 'G', 'J', AND 'K'

Construction General Notes

- 1. DIMENSIONS SHOWN ARE FROM FACE OF FINISH MATERIALS UNLESS NOTED OTHERWISE.
2. CONTRACTOR SHALL INSTALL THROUGH-PENETRATION FIRESTOPS, DRAFT-STOPS, FIRE CAULKING, ETC. AS REQUIRED AT ALL CEILING/WALL PENETRATIONS TO ENSURE THE STRUCTURAL INTEGRITY AND CONT. FIRE RATINGS OF THE ASSEMBLY. (COORDINATE WITH PARTITION TYPES AS REQUIRED). REFER TO PARTITION TYPES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. SEAL TOP OF ALL PARTITIONS. FILL ALL VOIDS WITH ACOUSTIC SEALANT CONTINUOUS. (COORDINATE WITH PARTITION TYPES AS REQUIRED)
4. CONTRACTOR SHALL PROVIDE WOOD BLOCKING AS REQUIRED FOR INSTALLATION OF ALL WALL MOUNTED EQUIPMENT AND CASEWORK. TYP. PROVIDE P.T. WOOD BLOCKING IN TOILET ROOMS, TYP. BLOCKING SHALL BE PROVIDED AS PER SPECIFICATION SECTION 061000 - ROUGH CARPENTRY.

Legend table with columns for SYMBOL and DESCRIPTION. Includes PROPOSED, NEW CONSTRUCTION (FRAMING), EXISTING WALLS TO REMAIN, and NEW DOORS.

DUCTWORK REMOVAL PATCH NOTE:

GC TO PATCH HOLES LEFT DUE TO REMOVAL OF DUCTWORK ETC. IN MASONRY AND OTHER WALL/FLOOR/CEILING CONSTRUCTION WITH NEW MATERIAL TO MATCH EXISTING. PAINT TO MATCH ADJACENT SURFACES WHERE APPLICABLE. GC TO COORDINATE WITH MC FOR EXACT LOCATION AND EXTENT OF REPAIR WORK.

MULTIPLE PRIME CONTRACTOR ABBREVIATIONS:

- GC - GENERAL CONTRACTOR
MC - MECHANICAL CONTRACTOR
EC - ELECTRICAL CONTRACTOR
PC - PLUMBING CONTRACTOR

MULTIPLE PRIME CONTRACTOR NOTES:

REFER TO SHEET A1.00 FOR NOTES REGARDING COORDINATION OF WORK AMONGST MULTIPLE PRIME CONTRACTORS

Construction Key Notes - Work Area 'B'

- 1. GC TO PROVIDE AND INSTALL NEW WINDOW SHADE AT EXISTING WINDOW. SEE WINDOW SCHEDULE FOR SHADE REQUIREMENTS AND DETAILS. GC TO VERIFY SIZE OF WINDOW IN FIELD
2. GC TO INSTALL NEW BUILT-UP PLYWOOD SUBFLOOR. HEIGHT TO ACCOMMODATE A FLUSH TRANSITION OF NEW FINISH FLOOR THIS AREA WITH ADJACENT FINISH FLOORS. VERIFY ALL HEIGHTS IN FIELD. PREPARE NEW SUBFLOOR FOR INSTALLATION OF NEW FLOOR FINISH. SEE FLOOR FINISH PLAN FOR ADDITIONAL INFORMATION
3. NEW ELECTRICAL EQUIPMENT. COORDINATE WORK WITH EC. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
4. GC TO PROVIDE AND INSTALL NEW (2) HOUR FIRE RATED FLOOR ACCESS DOOR WITH COVER ACCEPTING NEW FLOOR FINISH. COORDINATE ACTUAL LOCATION WITH LOCATION OF EXISTING ACCESS DOOR TO BE REPLACED. VERIFY IN FIELD. INSTALL TO ADEQUATE HEIGHT TO ACCOMMODATE A FLUSH TRANSITION WITH ADJACENT FINISH FLOORS AND FLOOR FINISH PLANS FOR ADDITIONAL INFORMATION. SEE SPECIFICATION SECTION 083100 - FLOOR ACCESS DOORS
5. RESERVED
6. NEW WALK-IN COOLER AND FREEZER TO BE PROVIDED AND INSTALLED AS PART OF NEW KITCHEN EQUIPMENT PACKAGE DIRECTLY WITH THE DISTRICT (NOT IN CONTRACT FOR GC) GC TO PROVIDE AND INSTALL NEW FLOORING WITHIN NEW COOLER AND FREEZER AS SHOWN ON FLOOR FINISH PLAN 1/A2.81. SEE FOOD SERVICE EQUIPMENT ADDITIONAL INFORMATION. SEE SPECIFICATION SECTION 114000 - FOOD SERVICE EQUIPMENT
7. NEW FOOD SERVICE EQUIPMENT TO BE PROVIDED AND INSTALLED AS PART OF NEW KITCHEN EQUIPMENT PACKAGE DIRECTLY WITH THE DISTRICT (NOT IN CONTRACT FOR GC) SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION. SEE SPECIFICATION SECTION 114000 - FOOD SERVICE EQUIPMENT
8. EXISTING STANDPIPE TO REMAIN

- 9. NEW FIRE EXTINGUISHER TO BE PROVIDED AND INSTALLED AS PART OF NEW KITCHEN EQUIPMENT PACKAGE DIRECTLY WITH THE DISTRICT (NOT IN CONTRACT FOR GC) SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION. SEE SPECIFICATION SECTION 114000 - FOOD SERVICE EQUIPMENT
10. NEW MOP SINK BY PC. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
11. NEW PLUMBING EQUIPMENT BY PC. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
12. GC TO PROVIDE AND INSTALL NEW (2) HOUR FIRE RATED FLOOR ACCESS DOOR WITH COVER ACCEPTING NEW FLOOR FINISH. COORDINATE ACTUAL LOCATION WITH LOCATION OF EXISTING FLOOR CHASE. VERIFY IN FIELD. INSTALL TO ADEQUATE HEIGHT TO ACCOMMODATE A FLUSH TRANSITION WITH ADJACENT FINISH FLOORS. SEE DEMOLITION AND FLOOR FINISH PLANS FOR ADDITIONAL INFORMATION. SEE SPECIFICATION SECTION 083100 - FLOOR ACCESS DOORS
13. PORTIONS OF EXISTING WALL AND EXISTING ELECTRICAL DEVICES TO REMAIN. PROTECT DURING CONSTRUCTION
14. RELOCATED EXISTING I.T. EQUIPMENT BY EC. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
15. NEW ELECTRICAL PANELS BY EC. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
16. NEW WALL MOUNTED DRINKING FOUNTAINS BY PC. GC TO INSTALL BLOCKING AS REQUIRED WITHIN WALL. COORDINATE WORK WITH PC. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
17. NEW LIGHTING EQUIPMENT BY EC. SEE REFLECTED CEILING PLANS AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION
18. NEW MECHANICAL UNITS BY MC. NEW LOUVER OPENING IN NEW PORTION OF WALL BY GC. SEE STRUCTURAL DRAWINGS FOR NEW LINTEL REQUIREMENTS. NEW LOUVER TO BE PROVIDED AND INSTALLED BY MC. COORDINATE WORK WITH MC. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

- 19. CAFETERIA FURNITURE BY OWNER, NIC. SHOWN FOR REFERENCE
20. GC TO PROVIDE AND INSTALL NEW INTERIOR EXPANSION JOINT COVER AT NEW FLOOR SLAB INTERSECTION. SEE SPECIFICATION SECTION 079513 - EXPANSION JOINT COVER ASSEMBLIES
21. GC TO PATCH AND REPAIR EXISTING EXPOSED GWB TO REMAIN. ALL LOCATIONS WITHIN SPACE. PREPARE SURFACE FOR NEW PAINTED FINISH. COLORS TO BE SELECTED BY ARCHITECT. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION
22. PC TO INSTALL NEW GREASE TRAP AND AIR CONTROL BOX AND ASSOCIATED PIPING. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
23. GC TO PROVIDE AND INSTALL NEW FLOOR FINISH. REFER TO FINISH SCHEDULE FOR FINISH MATERIAL AND SPECIFICATION FOR SURFACE PREPARATION AND INSTALLATION REQUIREMENTS
24. GC TO PROVIDE AND INSTALL NEW WALL BASE. REFER TO FINISH SCHEDULE
25. GC TO PROVIDE AND INSTALL AREA OF NEW PAINTED GWB. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION
26. GC TO PROVIDE AND INSTALL NEW PORCELAIN WALL TILE. SEE WALL FINISH PLAN ON A7.00 FOR PATTERN AND ADDITIONAL INFORMATION. SEE SPECIFICATION SECTION 093019 - PORCELAIN WALL TILE
27. GC TO PROVIDE AND INSTALL FINISHED CEILING. REFER TO FINISH SCHEDULE AND REFLECTED CEILING PLAN. GC TO PROVIDE AND INSTALL NEW SUSPENDED ACOUSTICAL CANOPIES. REFER TO CEILING TYPES FOR ADDITIONAL INFORMATION
28. NEW LIGHT FIXTURES BY EC. SEE ELECTRICAL DRAWINGS
29. GC TO INFILL AREA OF REMOVED QUARRY TILE WITH NEW SELF LEVELER. NEW FINISH FLOOR TO MATCH FINISH FLOOR OF ADJACENT SPACES. PREPARE EXISTING FLOOR SURFACE PER MANUFACTURERS INSTRUCTIONS. SEE SPECIFICATION SECTION 035416 - CEMENT-BASED, INTERIOR, SELF LEVELING UNDERLAYMENT

Construction Key Notes - Work Area 'C'

- 1. GC TO PROVIDE AND INSTALL NEW WINDOW SHADE AT EXISTING WINDOW. SEE WINDOW SCHEDULE FOR SHADE REQUIREMENTS AND DETAILS. GC TO VERIFY SIZE OF WINDOW IN FIELD
2. GC TO INFILL NEW ELECTRICAL TRENCH IN CONCRETE SLAB WITH NEW CONCRETE TO BE FLUSH WITH ADJACENT. PREPARE SURFACE TO RECEIVE NEW FLOORING. TYPICAL. COORDINATE WORK WITH EC. SEE DEMOLITION AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
3. GC TO INFILL EXISTING RECESSED SLAB WITH NEW SELF LEVELER. NEW FINISH FLOOR TO MATCH FINISH FLOOR OF ADJACENT SPACES, APPROXIMATE DEPTH: 1 1/2". VERIFY IN FIELD. PREPARE EXISTING FLOOR SURFACE PER MANUFACTURERS INSTRUCTIONS. SEE SPECIFICATION SECTION 035416 - CEMENT-BASED, INTERIOR, SELF LEVELING UNDERLAYMENT
4. GC TO INSTALL NEW CONCRETE FOOTING FOR NEW COLUMN PER STRUCTURAL DRAWINGS. PREPARE SURFACE TO RECEIVE NEW FLOORING. TYPICAL. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
5. GC TO INSTALL NEW ROUND METAL COLUMN PER STRUCTURAL DRAWINGS. PREPARE SURFACE PER MANUFACTURER RECOMMENDATIONS AND PAINT. COLOR TO BE SELECTED BY ARCHITECT
6. LIBRARY / ART ROOM FURNISHINGS BY OWNER, NIC. UNO
7. LIBRARY CASEWORK BY OWNER, NIC. UNO
8. EXISTING SUMP PIT TO REMAIN
9. EXISTING ELECTRICAL PANELS TO REMAIN. PROTECT DURING CONSTRUCTION. GC TO INSTALL FURRING AND GWB AROUND EXISTING PANELS AND SEAL ALL JOINTS FOR A FINISHED APPEARANCE. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
10. FURNITURE / EQUIPMENT BY OWNER, NIC. SHOWN FOR REFERENCE
11. GC TO PROVIDE AND INSTALL NEW PREMANUFACTURED WOOD AND PLASTIC LAMINATE BASE AND UPPER CABINETS AS MANUFACTURED BY 'CASE SYSTEMS' (BASIS OF DESIGN) PROVIDE 1 1/2" THICK BEVELED SOLID SURFACE COUNTER TOP WITH MATCHING 4" BACK-SPLASH. ALL FINISHES AND HARDWARE TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS FULL RANGE. SINK TO BE PROVIDED AND INSTALLED BY PC. COORDINATE WORK WITH PC. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. SEE SPECIFICATION SECTION 123554 - MANUFACTURED CASEWORK
12. EXISTING SINK TO REMAIN. PROTECT DURING CONSTRUCTION
13. NEW ELECTRICAL EQUIPMENT. COORDINATE WORK WITH EC. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
14. GC TO PROVIDE AND INSTALL NEW SOFFIT / CEILING CLOUD ABOVE. SEE REFLECTED CEILING PLANS AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION

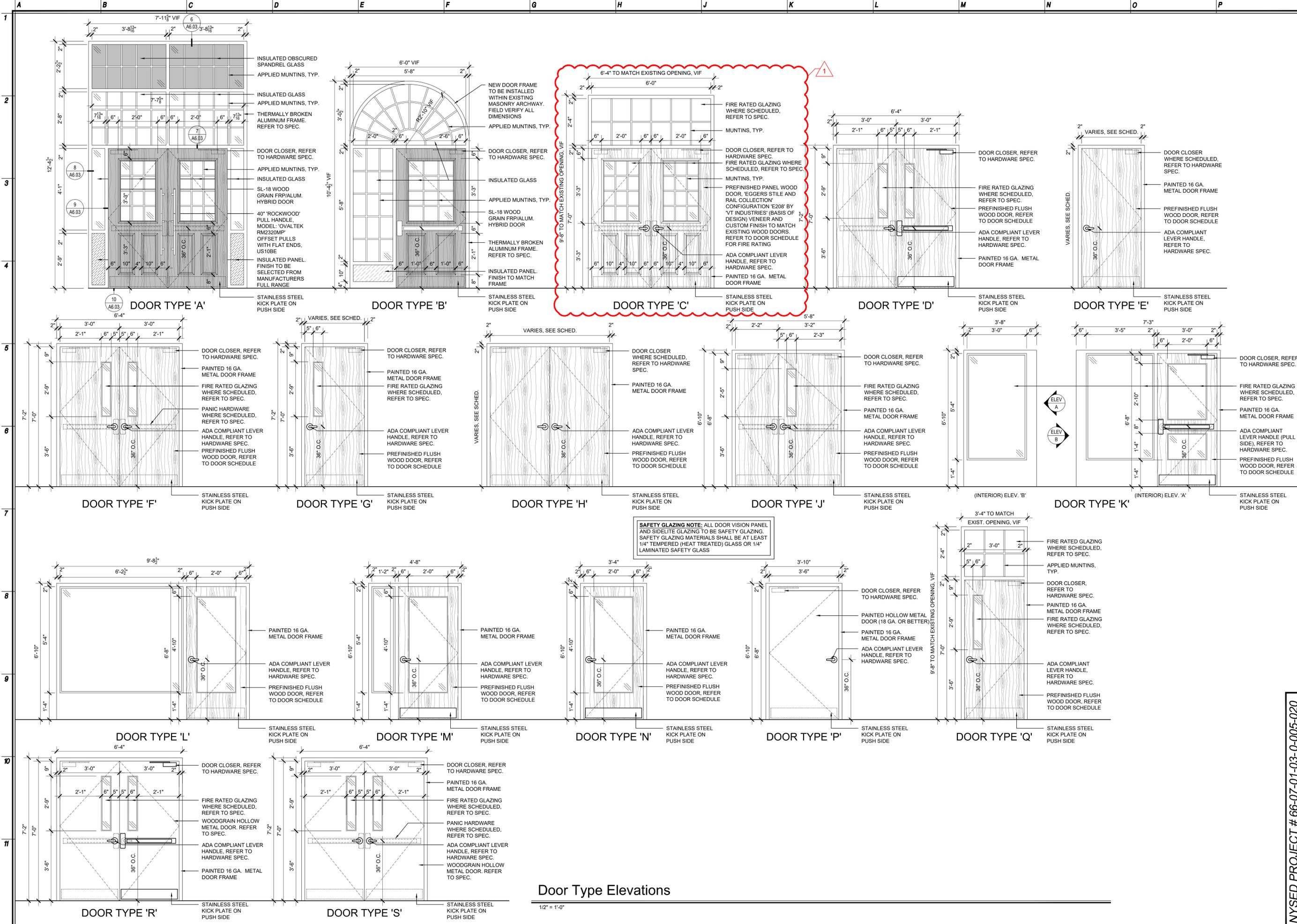
- 15. EC TO RELOCATE EXISTING KILN. GC TO COORDINATE WORK WITH EC AND MC. SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
16. GC TO SCRABE, PRIME, AND PAINT EXISTING COLUMN. COLOR TO BE SELECTED BY ARCHITECT
17. GC TO PROVIDE AND INSTALL NEW PREMANUFACTURED WOOD AND PLASTIC LAMINATE BASE CABINETS AS MANUFACTURED BY 'CASE SYSTEMS' (BASIS OF DESIGN) PROVIDE 1 1/2" THICK BEVELED SOLID SURFACE COUNTER TOP WITH MATCHING 4" BACK-SPLASH. ALL FINISHES AND HARDWARE TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS FULL RANGE. SEE SPECIFICATION SECTION 123554 - MANUFACTURED CASEWORK
18. GC TO PROVIDE AND INSTALL NEW PREMANUFACTURED WOOD AND PLASTIC LAMINATE TALL WARDROBE STYLE CABINETS AS MANUFACTURED BY 'CASE SYSTEMS' (BASIS OF DESIGN). ALL FINISHES AND HARDWARE TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS FULL RANGE. SEE SPECIFICATION SECTION 123554 - MANUFACTURED CASEWORK
19. GC TO PROVIDE AND INSTALL NEW PREMANUFACTURED WOOD AND PLASTIC LAMINATE HORIZONTAL FLOOR STORAGE STYLE BASE CABINETS AS MANUFACTURED BY 'CASE SYSTEMS' (BASIS OF DESIGN) PROVIDE 1 1/2" THICK BEVELED SOLID SURFACE COUNTER TOP WITH MATCHING 4" BACK-SPLASH. ALL FINISHES AND HARDWARE TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS FULL RANGE. SEE SPECIFICATION SECTION 123554 - MANUFACTURED CASEWORK
20. GC TO PROVIDE AND INSTALL NEW PREMANUFACTURED WOOD AND PLASTIC LAMINATE 72" TALL OPEN SHELVING STYLE CABINETS AS MANUFACTURED BY 'CASE SYSTEMS' (BASIS OF DESIGN). INSTALL SECURELY TO WALL. PROVIDE BLOCKING WITHIN WALL AS REQUIRED. ALL FINISHES AND HARDWARE TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS FULL RANGE. SEE SPECIFICATION SECTION 123554 - MANUFACTURED CASEWORK
21. GC TO PROVIDE AND INSTALL NEW CUSTOM OPEN SHELVING IN CONFIGURATION SHOWN. PROVIDE (6) SHELVES TALL, SPACING TO BE CONFIRMED WITH OWNER, TO A HEIGHT OF 72" AFF. CONSTRUCTION TO BE OF MINIMUM 3/4" THICK SOLID PLYWOOD WITH WOOD VENEER AND MATCHING HARDWOOD EDGING. FLAME SPREAD TO BE CLASS 'C' OR BETTER. INSTAL. PROVIDE ALL BLOCKING, UPRIGHT SUPPORT, AND ALL HARDWARE AS REQUIRED FOR A COMPLETE INSTALLATION. ALL COLORS AND FINISHES TO BE SELECTED BY ARCHITECT
22. NEW MECHANICAL UNIT BY MC. NEW LOUVER OPENING IN NEW PORTION OF WALL BY GC. SEE STRUCTURAL DRAWINGS FOR NEW LINTEL REQUIREMENTS. NEW LOUVER TO BE PROVIDED AND INSTALLED BY MC. COORDINATE WORK WITH MC. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

- 23. GC TO PATCH AND REPAIR EXISTING EXPOSED GWB / MASONRY TO REMAIN. ALL LOCATIONS WITHIN SPACE. PREPARE SURFACE FOR NEW PAINTED FINISH. COLORS TO BE SELECTED BY ARCHITECT. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION
24. EXISTING ELECTRICAL PANELS AND FIRE ALARM PANEL TO BE ENCLOSED IN NEW CLOSET. PROTECT DURING CONSTRUCTION. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
25. GC TO PROVIDE AND INSTALL AREA OF NEW RAISED CONCRETE RAMP LANDING. FINISH FLOOR TO MATCH ADJACENT. PREPARE SURFACE FOR INSTALLATION OF NEW FLOOR FINISH. SEE STRUCTURAL DRAWINGS AND NEW FLOOR FINISH PLAN FOR ADDITIONAL INFORMATION
26. GC TO PROVIDE AND INSTALL AREA OF NEW CONCRETE RAMP. PREPARE SURFACE FOR INSTALLATION OF NEW FLOOR FINISH. SEE STRUCTURAL DRAWINGS AND NEW FLOOR FINISH PLAN FOR ADDITIONAL INFORMATION
27. GC TO PROVIDE AND INSTALL NEW METAL GUARD RAIL TO MATCH EXISTING STAIR GUARD RAIL. HEIGHT TO MATCH EXISTING NEWEL POST. BALLUSTER SIZE AND SPACING TO MATCH EXISTING STAIR. VERIFY ALL SIZES IN FIELD
28. GC TO PROVIDE AND INSTALL NEW SUSPENDED ACOUSTICAL CANOPIES. REFER TO CEILING TYPES FOR ADDITIONAL INFORMATION
29. GC TO REINSTALL EXISTING WHITEBOARD AND PROJECTOR. EC TO INSTALL POWER OUTLET AND DATA CONNECTIONS. REFER TO ELECTRICAL DRAWINGS
30. GC TO PROVIDE AND INSTALL NEW MARKER BOARD PAINT SYSTEM
31. GC TO PROVIDE AND INSTALL NEW GREEN SCREEN WALL PAINT SYSTEM
32. GC TO PROVIDE AND INSTALL NEW FLOOR FINISH. REFER TO FINISH SCHEDULE FOR FINISH MATERIAL AND SPECIFICATION FOR SURFACE PREPARATION AND INSTALLATION REQUIREMENTS
33. GC TO PROVIDE AND INSTALL NEW WALL BASE. REFER TO FINISH SCHEDULE
34. GC TO PROVIDE AND INSTALL AREA OF NEW PAINTED GWB. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION
35. GC TO PROVIDE AND INSTALL NEW PORCELAIN WALL TILE. SEE WALL FINISH PLAN ON A7.00 FOR PATTERN AND ADDITIONAL INFORMATION. SEE SPECIFICATION SECTION 093019 - PORCELAIN WALL TILE
36. GC TO PROVIDE AND INSTALL FINISHED CEILING. REFER TO FINISH SCHEDULE AND REFLECTED CEILING PLAN
37. GC TO PAINT PIPING IN CEILING AREA
38. GC TO INSTALL RELOCATED PROJECTOR AND RELOCATED SCREEN. RE-USE EXISTING MOUNTING BRACKET AND HARDWARE. PROVIDE ANY ADDITIONAL ITEMS REQUIRED FOR A COMPLETE INSTALLATION. COORDINATE WORK WITH ELECTRICAL. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION

Project information including Date (1/10/20), Checked (DLF), Drawn (CTB), Revisions (ISSUE TO BD 11/23/20), and professional seals for MICHAEL J. MCGOVERN, R.A. and LAN ASSOCIATES.

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A2.00

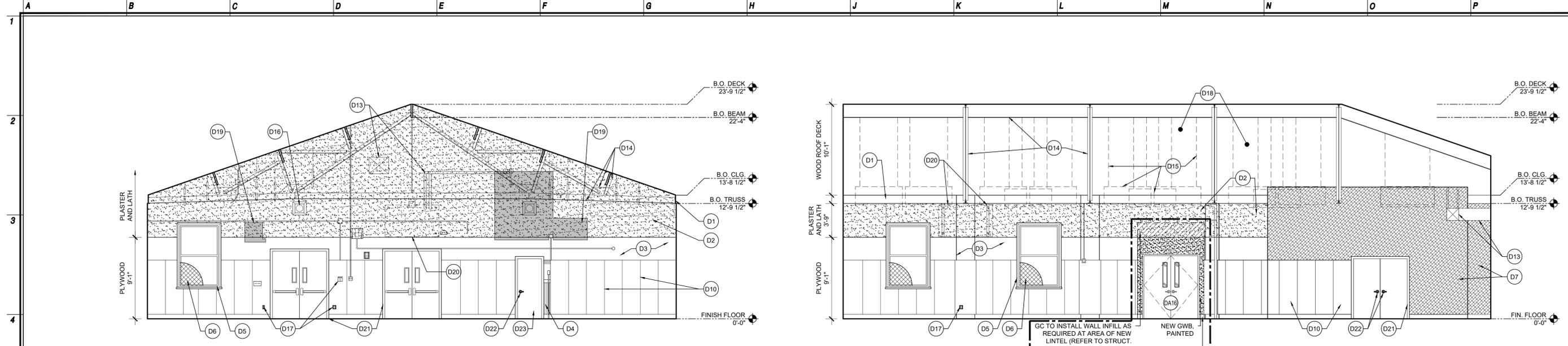


Door Type Elevations

1/2" = 1'-0"

| | |
|--|-----------------------------|
| Date | 1/10/20 |
| Checked | DLF |
| Drawn | CTB |
| MICHAEL J. MCGOVERN, P.A. REGISTERED ARCHITECT License No. 022257-1 | |
| Revisions: | |
| # | ISSUE TO BID 11/23/20 |
| # | BID ADDENDUM NO. 1 12/23/20 |
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| LAN ASSOCIATES engineering • planning • architecture • surveying 252 MAIN STREET, GOSHEN, NEW YORK 10924 (845)613-0350 | |
| DOOR TYPES 2019 BOND REFERENDUM CHATSWORTH AVENUE ELEMENTARY SCHOOL MAMARONECK UNION FREE SCHOOL DISTRICT CHATSWORTH AVENUE, LARCHMONT, NY 10538 | |
| Job No. 4.1092.72.03 File No. 10927203A601 | |
| A6.02 | |

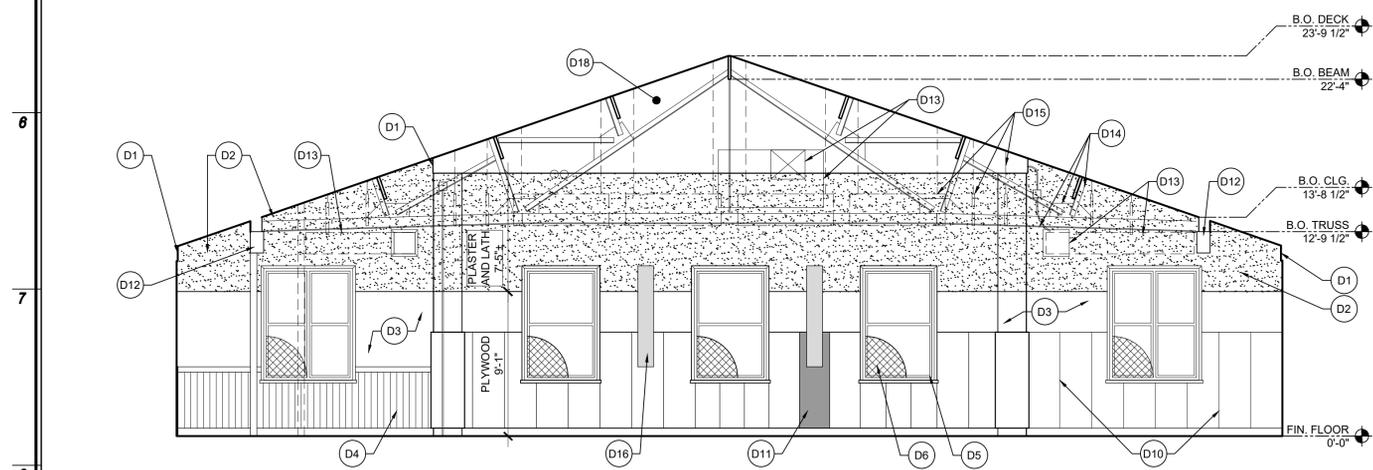
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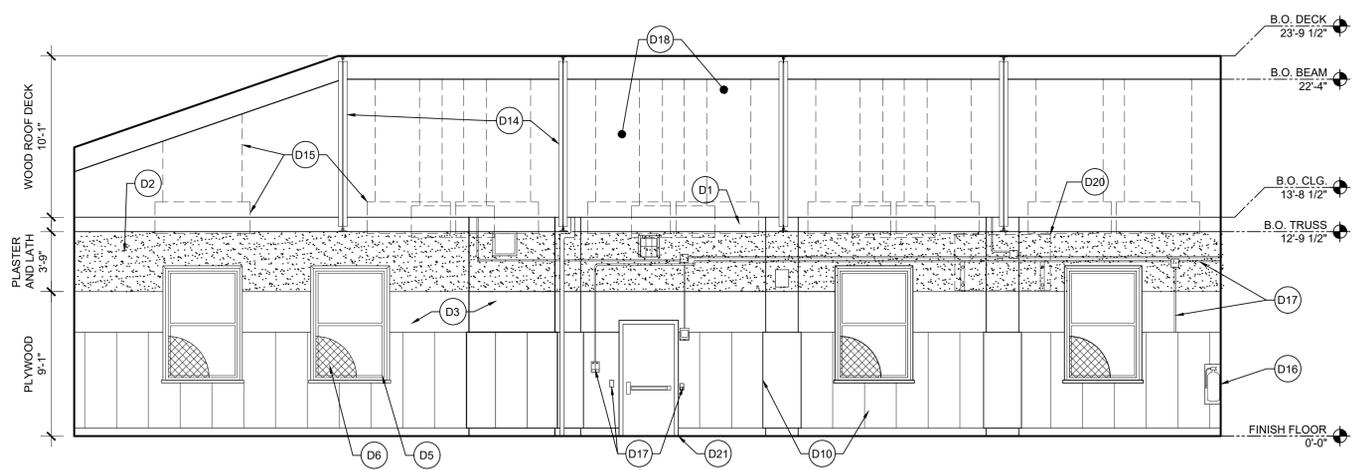
1 Interior Elevation
A7.30 3/16" = 1'-0" WORK AREA 'D'

2 Interior Elevation
A7.30 3/16" = 1'-0" WORK AREA 'D'

GC TO INSTALL WALL INFILL AS REQUIRED AT AREA OF NEW INTEL. (REFER TO STRUCT. DWGS.) PROVIDE AND INSTALL NEW PLASTER FINISH TO MATCH ADJACENT
NEW GWB, PAINTED
NEW VINYL WALL BASE, HEIGHT TO MATCH ADJACENT
WORK SHOWN THIS AREA TO BE PART OF BASE BID



3 Interior Elevation
A7.30 3/16" = 1'-0" WORK AREA 'D'



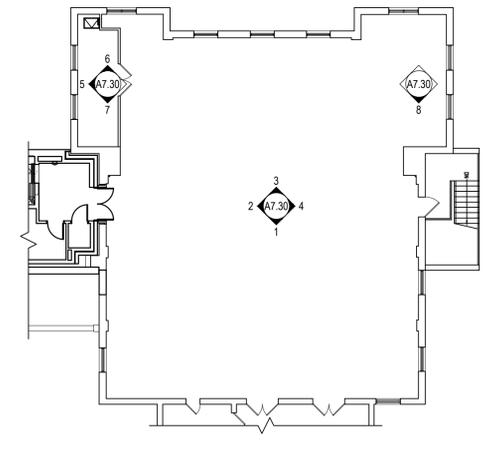
4 Interior Elevation
A7.30 3/16" = 1'-0" WORK AREA 'D'

ALTERNATE
ALL WORK ASSOCIATED WITH WORK AREA 'D'. REFER TO SPECIFICATION SECTION 012300

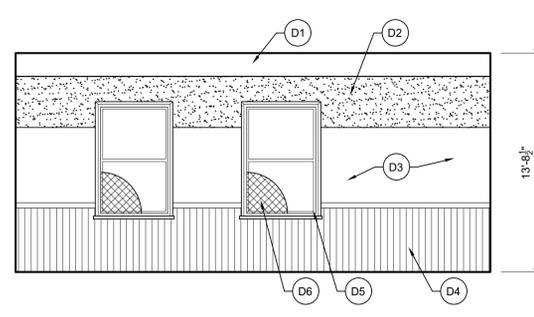
NOTE: GC TO ALLOW FOR A (4) COLOR PAINT SCHEME WITHIN WORK AREA 'D'. COLORS AND LOCATIONS TO BE SELECTED BY OWNER / ARCHITECT

Work Area 'D' Key Notes

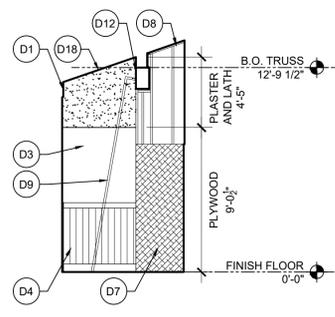
- EXISTING WOOD TRIM TO BE PREPARED AND PAINTED, TYP.
- EXISTING PLASTER AND LATH. GC TO CLEAN AND REMOVE ALL LOOSE OR UNSTABLE MATERIAL AND THEN TO REPAIR THE AREA TO MATCH EXISTING USING A TYPICAL THREE COAT PLASTER PROCESS. IN ADDITION TO AREAS SHOWN THE GC SHALL INCLUDE IN BASE BID AN ADDITIONAL 25% OF ENTIRE PLASTER AREA TO BE REMOVED AND BUILT BACK UP FROM THE LATH SUBSTRATE. PREPARE AND PAINT ALL PLASTER, TYP.
- EXISTING PLYWOOD OR EQUAL PROTECTION BOARD TO REMAIN. GC TO PREPARE AND PAINT, TYP.
- EXISTING WOOD WAINSCOT TO BE PREPARED AND PAINTED, TYP.
- EXISTING WOOD WINDOW TRIM SYSTEM TO BE PREPARED AND PAINTED, TYP.
- EXISTING WIRE WINDOW GUARD TO BE REMOVED, PREPARED, PAINTED AND REINSTALLED, TYP.
- EXISTING HOMOSITE OR EQUAL WALL SHEATHING TO BE PREPARED AND PAINTED, TYP.
- EXISTING EXPOSED METAL STUDS TO BE PREPARED AND PAINTED, TYP.
- EXISTING METAL LADDER TO REMAIN. PROTECT DURING CONSTRUCTION
- EXISTING PADDED WALL PROTECTION SYSTEM TO REMAIN. PROTECT DURING CONSTRUCTION
- EXISTING PADDED WALL PROTECTION BOARD TO BE REINSTALLED. ANCHOR METHOD SHALL BE SIMILAR TO ADJACENT EXISTING PROTECTION BOARDS, V.I.F.
- EXISTING PLASTER WRAPPED BEAM TO BE REPAIRED TO LIKE NEW AND PAINTED, TYP.
- EXISTING MISCELLANEOUS MOUNTED OR SECURED CONDUIT, DEVICE OR EQUIPMENT IS TO REMAIN AND BE PROTECTED WHILE SCHEDULED WORK IS BEING COMPLETED, U.O.N., TYP. PREPARE AND PAINT ALL CONDUIT AND PIPES WITHIN WORK AREA, TYP.
- EXISTING CONDUIT, JUNCTION BOXES, RECEPTACLES, SWITCHES AND ACCESSORIES ARE TO BE CLEANED AND PAINTED ACCORDINGLY. FACE PLATES THAT ARE BROKEN ARE TO BE REPLACED WITH A STAINLESS STEEL EQUIVALENT, TYP.
- EXISTING BEAD BOARD WOOD CEILING TO BE PREPARED AND PAINTED, TYP.
- EXISTING PLYWOOD PROTECTION BOARD IS TO BE REMOVED. THE PLASTER SURFACE UNDERNEATH IS TO BE COMPLETELY RESTORED FROM THE BASE SCRATCH COAT TO THE FINISH COAT TO MATCH ADJACENT FINISH AND PAINTED, TYP.
- EXISTING BASKETBALL STOP AND HOOP TO REMAIN. COORDINATE REPAIR AND PAINTING WITH EXISTING EQUIPMENT AND ACCESSORIES IN FIELD, V.I.F., UNLESS OTHERWISE NOTED.
- BOTH SIDES OF EXISTING DOOR FRAMES ARE TO BE PREPARED AND PAINTED, U.O.N., TYP.
- GC TO PROVIDE AND INSTALL NEW ADA COMPLIANT LEVER HARDWARE AT EXISTING DOORS. GC TO REMOVE EXISTING DOOR HARDWARE AS REQUIRED AND MODIFY DOOR PANEL AND FRAME AS REQUIRED. VERIFY DOOR HARDWARE INSTALLATION REQUIREMENTS IN THE FIELD. COORDINATE OPERATION AND LOCKING REQUIREMENTS WITH OWNER PRIOR TO PLACING ORDER. HARDWARE STYLE AND FINISH TO BE SELECTED BY OWNER FROM MANUFACTURERS FULL RANGE
- EXISTING WOODEN DOOR TO BE PREPARED AND PAINTED



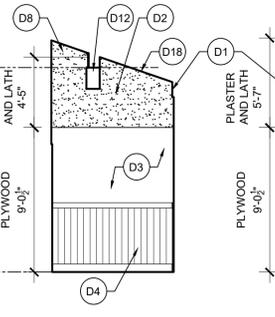
9 Key Plan
A7.30 1/16" = 1'-0" WORK AREA 'D'



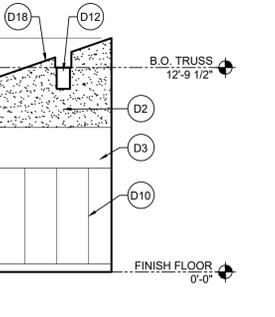
5 Interior Elevation
A7.30 3/16" = 1'-0" WORK AREA 'D'



6 Interior Elevation
A7.30 3/16" = 1'-0" WORK AREA 'D'



7 Interior Elevation
A7.30 3/16" = 1'-0" WORK AREA 'D'



8 Interior Elevation
A7.30 3/16" = 1'-0" WORK AREA 'D'

MICHAEL J. MCGOVERN, P.A.
REGISTERED ARCHITECT
License No. 022257-1

Revisions:
ISSUE TO BD
11/23/20
1 BD ADDENDUM NO. 1
12/22/20

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INTERIOR ELEVATIONS - SKY GYM
2019 BOND REFERENDUM
CHATSWORTH AVENUE ELEMENTARY SCHOOL
MAMARONECK UNION FREE SCHOOL DISTRICT
CHATSWORTH AVENUE, LARCHMONT, NY 10538

Job No. 4.1092.72.03
File No. 10927203A730

A7.30

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