

SECTION S01010
SUMMARY OF WORK

1.01 SUMMARY OF WORK

The proposed renovations intend to facilitate extended and diversified uses within the Library particularly due to the growing use of computer technology to accommodate students' learning needs.

Additional work stations equipped with power and data outlets will allow students the opportunity for individual laptop connectivity and seating. The creation of the Group Study Rooms will provide much needed space for students to work and interact together in small groups without disturbing individuals working throughout the open floor.

A. Room 220

Convert existing Class Room 1L-220 into two (2) high-tech Group Study Rooms. The size of the existing Class Room is 20'x 25' = 500 SF. This will yield (2) Study Rooms, each 12' x 21.5' = 258 SF each.

B. Architectural:

1. Remove an existing south partition facing Periodical Room.
2. Remove suspended ceiling and lights.
- ~~3. Remove existing flooring. (Deleted.)~~
4. Provide a new gypsum board dividing partition
5. Provide glass store front with glass doors
6. Provide new suspended ceiling, lighting ~~and flooring, (Deleted.)~~
7. Provide new paint on all walls.
8. Provide new coat hooks.
9. Provide new window shades.

C. HVAC:

1. Existing ductwork will be modified in accordance with new room layout.
2. Existing VAV box will remain. Air volumes will be adjusted as required.
3. One (1) new VAV box, controls and associated ductwork will be installed.
4. Existing and new air distribution systems downstream of VAV boxes will be balanced.
5. Existing perimeter radiation system will remain; existing covers will be replaced with new covers.
6. Existing return air ductwork will remain.
7. New ceiling diffusers and return grilles will be installed.

D. Sprinkler:

Existing sprinkler heads to be removed and replaced with new concealed sprinkler heads and associated piping. Work will be modified in accordance with new room layout.

E. Electrical:

1. Disconnect and remove existing recessed mounted 2 x 4 light fixtures;
2. Disconnect and remove existing wall mounted and ceiling mounted receptacles;
3. Disconnect and remove existing wall mounted data outlet;
4. Install new recessed ceiling mounted 2 x 2 lighting fixtures;
5. Install new light switch;
6. Install new floor mounted combination receptacles and data outlets;
7. Install new wall mounted duplex receptacles.
8. Run new conduits for new floor box.

F. Periodical Room 218

Construct three (3) group Study Rooms along the West window wall. All rooms will be 10'-2" x 12'-4" for a total of 384 SF.

G. Architectural:

1. Remove three (3) built-in study desk units along the window.
2. Remove suspended ceiling and lights to the column line.
3. Remove carpet flooring to the column line.
4. Provide new gypsum board dividing partitions.
5. Provide glass store front with glass doors
6. Provide new suspended ceiling and patch existing plaster ceiling.
7. Provide new flooring.
8. Provide new paint on all walls.
9. Provide new coat hooks.
10. Provide new window shades.

H. HVAC:

1. Existing ductwork will be modified in accordance with new space layout.
2. Existing VAV boxes will remain. Air volumes will be adjusted as required.
3. One (1) new VAV box, controls and associated ductwork will be installed.
4. Existing and new air distribution systems downstream of VAV boxes will be balanced.
5. Existing perimeter radiation system will remain; existing covers will be replaced with new covers.
6. Existing return air ductwork will remain.
7. New ceiling diffusers and return grilles will be installed.

~~I. Sprinkler:~~

~~Existing sprinkler heads to be removed and replaced with new concealed sprinkler heads and associated piping. Work will be modified in accordance with new room layouts. (Deleted)~~

J. Electrical:

1. Disconnect and remove existing recessed mounted down lights;
2. Disconnect and remove existing wall mounted and ceiling mounted receptacles;
3. Disconnect and remove existing floor box receptacles;
4. Disconnect and remove existing wall mounted data outlets;
5. Relocate existing exit sign;
6. Provide new light switches;
7. Provide new 2 x 2 recessed ceiling mounted light fixtures;
8. Provide new floor boxes with combination receptacle outlets and data outlets;
9. Provide and run new conduits for new floor boxes.

1.02 ITEMS NOT INCLUDED

The following items shown on the Drawings are not included in the Work:

- A. Items indicated "By Others".
- B. Items indicated "N.I.C." (Not in Contract).
- C. Existing construction not indicated or specified to be removed, replaced or altered.

1.03 PRODUCT SUBSTITUTIONS

- A. Products, materials, systems and equipment (collectively called "products") specified within the technical sections (Divisions 2 through 16) and Drawings shall be used for this Project unless approval for submitted "or Equal" or "Approved Equal" substitutions is obtained from the CUNY.
- B. Basis of Design: "Products" specifically designated on the drawings by manufacturer and model numbers are the Basis of Design (e.g. mechanical equipment such as roof top units, boilers, etc.). Use of "products" of other manufacturers meeting the requirements of the specification, including those manufacturers and products listed in the specification, shall be considered an "Or Equal" or "Approved Equal" substitution. Factors for consideration shall include function, dimension, in-service performance, physical properties, appearance, and other characteristics. If an "Or Equal" product will not fit into the location designed without reconfiguring the space, the "product" is not to be submitted.

- C. The Contractor's request for substitutions with "alternate" "products" (those that vary from the Contract Documents, i.e. not an "or Equal") will be evaluated on a case-by-case basis within the sole discretion of the CUNY.

1.04 CUTTING, PATCHING AND REMOVALS

- A. Contractor shall do all cutting and patching, painting and finishing of existing work which is disturbed while performing the Work. Contractor shall be responsible for restoring new work which is damaged. All work shall be restored to provide a new appearance and to be structurally sound.
- B. The work shall be done by competent workmen skilled in the trade required by the restoration.
- C. As soon as practicable after the commencement of work and prior to any imminent placing of structural concrete, structural steel, and masonry, the Contractor shall submit to the CUNY a sketch indicating the location and size of all penetrations, including, but not limited to, sleeves and ducts, which will be required to accommodate the respective trades in order that it may be determined if such penetrations will materially weaken the building structure. The sketch will be stamped and returned if approved. If not approved, reasons will be stated and submitted to the Contractor. The Contractor shall continue to submit sketches as the work progresses and shall not proceed with portions of Work having penetrations until such penetrations are approved.
- D. Examination:
1. Prior to cutting, drilling, or removal, investigate both sides of the surface involved. Determine the exact location of structural members.
 2. If unforeseen obstructions are encountered, take precautions necessary to prevent damage and obtain instructions from the CUNY before proceeding with the Work.
- E. Preparation:
1. Provide temporary shoring and other supports necessary to prevent settlement or other damage to existing construction which is to remain.
 2. Prepare existing surfaces properly to receive, and where required, to bond with the Work.
- F. Removals, Cutting, Altering:
1. In addition to items indicated on Drawings to be removed, remove existing construction superseded by the Work except items such as pipes, conduits, recessed boxes, and ducts which are built into existing

construction that is to remain. Cut off and conceal such items at face of remaining construction. Provide cover plates on recessed boxes.

2. Remove and alter existing construction as required to install and connect the Work to adjacent construction in an approved manner.
3. Cut and alter existing materials as required to perform the Work. Limit the cutting to the smallest amount necessary. Core drill around holes and saw-cut other openings where possible.
4. Perform cutting, drilling, and removals in a manner that will prevent damage to construction that is to remain.

G. Patching:

1. Patch existing construction and finishes defaced, damaged, or left incomplete due to alterations or removals. Patching, except as otherwise indicated, shall be limited to the areas which have been cut or altered; match materials, finishes, underlying construction, and quality of area patched. Extend restoration of finish paint from the point of the patch feathering into the existing.

H. Existing Premises Work: in addition to Work described above for cutting and patching, perform the following:

1. Remove portions of existing slabs, beams, walls and partitions; cut new openings in slabs, walls and partitions for new chases, doors, equipment, steel beams, columns, lintels, and other items, do all cutting and removal of existing work required by the Drawings and the Specifications, or as may be required for the proper installation of the new Work. Block up and patch slabs, walls, partitions, ceilings, and other areas and surfaces, with materials indicated on the Drawings or specified herein. If type of material for patching is not indicated, match existing.
2. Provide all supports, shoring, bracing, and other means, required for existing beams, columns, lintels, walls, and other components, at locations where alterations occur.
3. Remove portions of existing walls, slabs, fireproofing and ceilings where required to provide for connections and reinforcing of existing steel and installation of new steel. See framing details on Drawings.
4. Existing unfinished, unexposed walls and ceilings that become exposed walls and ceilings of finished rooms and other locations due to the Work of this Contract, shall be finished to match the adjoining wall and ceiling finish, unless otherwise specified.

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5. Existing masonry walls and partitions that are to be finished with plaster, or tile, shall have all existing paint, tile, plaster and other finishes removed, joints raked out to a depth of 1/2", and the wall surfaces hacked and roughened to provide a proper bond for new materials.
6. The option of installing self-furring metal lath secured in place with hardened spiral steel nails, may be used on walls and partitions referred to in preceding Paragraph in place of raking joints and hacking wall surfaces as specified, provided all required adjustments are made to suit conditions.
7. All holes in existing slabs and floors due to removal of piping, enclosures, duct enclosures, and other items, shall be filled with new reinforced concrete before any floor finishes are installed.
8. Avoid damaging existing electric conduits in floor fill and slabs when cutting holes through slabs or removing floor fill; verify conditions at the building.
9. Where partitions are indicated to be removed, they shall be removed down to the structural slab or supporting structural members. Where new partitions are to be installed, remove floor finishes down to solid concrete fill or existing slabs.
10. Remove existing floors or portions of floors as required to install new floor or extend existing floors.
11. Where alterations occur in rooms and no new finish floor is indicated or specified, the existing floor shall be carefully protected and after alteration Work is completed, do all patching, repairing and replacing that may be required to provide a complete finished floor.
12. Remove hung and furred ceilings or portions of ceilings as indicated on the Drawings, or herein specified, or required for proper installation of new Work.
13. In rooms and locations where doors are removed, also remove the door stops and blocks thereof secured to wall or floors.
14. Remove saddles at door openings where no longer required.
15. Remove existing door numbers on doors where room use changes.
16. Remove cabinets, wardrobes, and built-in equipment in all locations where indicated on Drawings, where required for installation of new work, or as may be required to suit new conditions. If these objects are known or assumed to be coated with lead-based paint, they shall be completely sealed in 6-mil polyethylene prior to transport from the work area, and

they shall be disposed of, in compliance with New York City, New York State, and Federal regulations. No painted debris coated with known or assumed lead-based paint shall be transported in open containers at any time during the project.

17. Where doors are to be removed, also remove all trim, frames, bucks, blocking, and other miscellaneous components, unless otherwise indicated on Drawings. If these objects are known or assumed, they shall be completely sealed in 6-mil polyethylene prior to transport from the work area, and they shall be disposed of, in compliance with New York City, New York State, and Federal regulations. No painted debris coated with known or assumed lead-based paint shall be transported in open containers at any time during the project.
18. Remove exposed bolts, supports, brackets, cleats, grounds, and other items, that are no longer required for the purpose for which they were originally installed.
19. Cut new openings in exterior walls, if and where indicated on the Drawings, floor to ceiling, for passage to new addition, at all floors.
20. Where new vinyl composition tile floors are indicated on the Drawings at locations where existing finish floor is asphalt tile the existing finish floor and adhesive shall be entirely removed. The use of solvents which would prevent proper bonding of new flooring is prohibited.
21. All existing work damaged or lost as a result of performing the required new Work, shall be patched, repaired or replaced with new, and finished to match the new Work.
22. Where existing work required to be removed and replaced is found to be defective in any way, it shall be reported to the CUNY before it is disturbed.
23. Certain items, equipment, and materials indicated to be removed shall be salvaged and delivered to CUNY or other location as indicated in Section 02070 - Selective Removals and Demolition.

1.05 NEW YORK CITY CONSTRUCTION CODE OF 2008 IMPLEMENTATION

- A. Beginning July 1, 2008, Chapters 17 and 33 of the New York City Construction Code go into affect. These two chapters supersede the **Special** Inspections requirements contained in the 1968 Building Code, and Chapter 19 of the 1968 Building Code that deals with protection of the public.

1. References to “**Special** Inspections” and applicable code sections and “**Special** Inspector” referenced in the Contract Documents shall mean the equivalent “**Special** Inspection” and “**Special** Inspector” in accordance with the 2008 NYC Construction Code. It shall be noted that some individual “**Special** Inspection” items have been combined into one “**Special** Inspection” category.

2. References to public protective and code sections included in Chapter 19 of the 1968 code referenced in the Contract Documents shall mean those equivalent Sections contained in Chapter 33 of the NYC Construction Code. The Contractor shall be responsible for complying with all provisions of Chapter 33 of the NYC Construction Code.

1.06 QUALITY ASSURANCE

A. Qualifications

1. Company specializing in performing the Work or in manufacturing of the products specified herein, shall have a minimum of 3 years experience and shall have worked on 3 projects of similar size, unless otherwise specified in each section.

END OF SECTION