

DEMOLITION

SUMMARY

Provide building demolition in certain areas of the lower floor of the Library in accordance with the Work shown in the Drawings and as otherwise needed to prepare areas of the Library for planned alterations.

EXECUTION

A contract limit line is shown on the project drawings. The Contractor is responsible for providing and maintaining barriers to control dust and noise from occupied areas of the library, and to control public access into construction areas within the contract area. During regular hours of library operation, the lower floor elevator lobby, toilet room(s), and the children's library must be accessible to library patrons and staff.

The contractor shall save certain items removed during demolition for re-use unless the Library agrees to dispose of them. Such items are called out in the Drawings. Otherwise, all demolished materials become the property of are to be properly disposed of by the Contractor.

The Contractor shall perform demolition carefully and neatly, and shall alert the Library and the Architect of any conditions that are exposed during demolition procedures that may adversely affect building systems or structural integrity. When such instances occur, demolition work in those areas is to cease until authorization to proceed is granted by the Library and/or Architect.

The Contractor shall maintain the project area in a neat condition throughout the duration of the project. The job site shall be swept clean at the end of each work day. Dust barriers shall be checked daily and repaired whenever needed. All construction waste shall be disposed of daily in dumpsters placed in locations approved by the Library or Architect. At the completion of construction, the Contractor shall have the project area professionally cleaned as a condition of final acceptance of the project by the Library.

End of Section

INTERIOR PARTITIONS

SUMMARY

Construct interior partitions with metal studs and gypsum wall board as described in the Drawings and as otherwise needed for a complete and proper installation.

EXECUTION

Partition heights shall match those of existing interior partitions to which they abut. Construct partitions plumb and square to the dimensions shown on the drawings. Where new and existing walls are to form a continuous surface construct new portions to blend seamlessly with existing.

Partition types and locations are called out on the project drawings.

Gypsum wall board shall be screwed to metal studs using materials and methods of accepted industry standards. Tape joints. Cover-tape, screws and surface blemishes with three coats of joint compound. Final coat shall be sanded smooth.

Provide mineral fiber insulation in designated partitions. Friction fit batts into stud cavities using full length batts to the greatest extent possible. Do not leave gapped joints in batts. Do not use broken batts or random pieces to fill cavities.

End of Section

EXTERIOR DOOR

SUMMARY

Replace an existing exterior egress door with a new, wider, glazed exterior door. Widening of the brick masonry opening will be performed by others under a separate contract. Alteration of the metal stud and gypsum drywall wall at the door opening shall be including in the Work of this contract. The new door shall meet ADA standards, and shall have automatic operating function.

SUBMITTALS

Product data: Within 35 calendar days after the Contractor has received the Owner's Notice to Proceed, submit:

- Materials list of items proposed to be provided under this Section;
- Manufacturer's specifications and other data needed to prove compliance with the specified requirements.
- Shop drawings of door assembly for review and acceptance by the Architect.

PRODUCTS

Door: Aluminum assembly manufactured by Kawneer or an equivalent product by a manufacturer acceptable to the Library and Architect. The Kawneer door type shall be AA425 Thermal Entrance with the following characteristics:

- AATM425 wide stile has 4-1/4" (108) vertical stiles, 4-1/4" (108) top rail, and 10" (165.1) bottom rail option
- Door is 2-1/4" (57.2) deep
- Door has 1/8" (3.2) typical wall thickness
- Dual welded corner construction
- Polyamide thermal break
- Single acting
- 1" (25.4) insulated glass infill
- Offset pivot hinges
- Exit device hardware
- Surface mounted or concealed closers
- Architects Classic push/pulls
- Polymeric bulb weatherstripping and pile weathering with polymeric fin in door frame
- Permanodic™ anodized finishes in seven choices
- Painted finishes in standard and custom choices

Operator: Norton 6300 Series Low Energy Power Operator.

EXECUTION

- Temporarily re-install the original egress door assembly after masonry opening is widened (by others). This temporary door must provide a means of egress until the new door assembly is installed.

End of Section

INTERIOR DOORS

SUMMARY

Provide and install interior doors where shown and scheduled on the project drawings, complete with hardware including panic hardware and power assist where specified.

SUBMITTALS

Product data: Within 35 calendar days after the Contractor has received the Owner's Notice to Proceed, submit:

- Materials list of items proposed to be provided under this Section;
- Manufacturer's specifications and other data needed to prove compliance with the specified requirements.
- Shop drawings of door assembly for review and acceptance by the Architect.

PRODUCTS

- Doors: Wood veneer, composite doors and wood frames shall be products of:

TruStile
1780 E. 66th Avenue
Denver, CO 80229
www.trustile.com

Similar products by another manufacturer acceptable to the Library and Architect will be considered.

Positive pressure doors shall have 20-minute fire rating. Glass in doors shall be 20-minute fire glass. Maximum fire glass area is 3,145 square inches.

Door style shall be TS1000 with wood veneer option.

Pre-hung doors are available for single leaf setups. Rated double doors will require on-site mounting. Pre-hung door shall be in wood frames.

2. Panic hardware: Von Duprin 88 Series or Assa Abloy ED6000 Crossbar Series. Style and finish to be selected from standard products offered by the manufacturer.

3. Occupancy lockset for Toilet Room doors: Sargent 8200 series

EXECUTION

- Install new door assemblies plumb and square, and according to manufacturer's recommendations.
- Protect all portions of door assemblies if the installations, complete or in part, are in place prior to the completion of other construction activities associated with the Work. Any damage to doors from construction activities shall be repaired to the satisfaction of the Architect at the Contractor's cost.

End of Section

TILE

SUMMARY

Provide and install porcelain tile floor and base in areas shown on the Drawings.

SUBMITTALS

Product data: Within 35 calendar days after the Contractor has received the Owner's Notice to Proceed, submit:

- Materials list of items proposed to be provided under this Section;
- Manufacturer's specifications and other data needed to prove compliance with the specified requirements.

PRODUCTS

- Floor tile in all areas except toilet rooms 005 and 006 shall be:
 - "Durban" wood tone glazed porcelain tile, size: 8" x 48", color: dark. Wear rating: Class 4 (suitable for light commercial use)
- Floor tile and wall base in toilet rooms 005 and 006 shall be:
 - Floor tile: "Calisto" glazed porcelain tile; size: 12" x 12", color: color: caramel. Wear rating: Class 4.
 - Base tile: "Calisto" glazed porcelain tile; size: 4" x 12", color: color: caramel. Wear rating: Class 4.

EXECUTION

- General:
 - All ceramic tile flooring shall be laid on existing concrete slabs whose surfaces have been properly cleaned and prepared for the ceramic tile installation.
 - Tile is not required in the electrical closet, data closet, boiler room, and mechanical closet for FC3.
- Thin-set installation for all ceramic tile shall be done with materials recommended by the tile manufacturer or according to accepted industry practice in absence thereof.
- Before installing tile obtain the approval of the proposed tile layout, grout selection, and accessories by the Library and Architect.
- At the transition from 004 Corridor into 003 Lobby, and at door openings to the electrical closet, data closet, boiler room, and mechanical closet for FC3, provide stainless steel Schluter Schiene finishing and edge protection strip between tile and carpeting.
- At the transition from 004 Corridor into toilet rooms 005 and 006, no transition strip is required. Layout tile such that the toilet room doors in closed position cover the joint between the tile types. Wall base joints shall align with joints in floor tile to the greatest extent possible.
- At the electrical closet, data closet, boiler room and mechanical closet for FC3 terminate the floor tile so that the transition from tile to concrete flooring shall occur beneath the door leaf in the closed position.

End of Section

PAINTING, STAINING, & VARNISHING

SUMMARY

Paint, stain or varnish all new surfaces and any existing surfaces affected by the Work.

SUBMITTALS

Product data: Within 35 calendar days after the Contractor has received the Owner's Notice to Proceed, submit:

- Materials list of items proposed to be provided under this Section;
- Manufacturer's specifications and other data needed to prove compliance with the specified requirements.
- Prepare color schedule for all rooms complete with colors, paint type, stain color, and varnish sheen for review and acceptance by the Architect.

PRODUCTS

Painting products shall be by Benjamin Moore or Sherwin Williams. All products shall meet current VOC standards.

EXECUTION

- All new gypsum drywall surfaces, including the ceiling of 005 Toilet, shall be painted with one coat of water-borne primer/sealer and two finish coats of egg shell sheen latex paint.
- Any patches in existing plaster or drywall wall or ceilings shall be spot painted with one coat of water-borne primer/sealer and one coat of latex paint. Then the entire wall or ceiling surface in with the patch or patches occur, shall receive one finish coat of latex paint. It is not the intent that the entire room in which patching occurs be repainted. Newly painted areas shall match existing paint finish and color to the greatest extent possible.
- New wood surfaces to be stained and varnished (i.e. wood base trim) shall be stained and finished to blend with existing wood trim in the same space. To the greatest extent possible, stains and varnishes shall be water-based products. Oil-based products may be considered if color and finish matching are not possible with water-based products.

End of Section

ELECTRICAL

SUMMARY

Provide room lighting, emergency lighting, exit lighting, switches, receptacles, and associated electrical items as shown in these Drawings.

SUBMITTALS

1. Product data: Within 35 calendar days after the Contractor has received the Owner's Notice to Proceed, submit:

- Materials list of items proposed to be provided under this Section;
- Manufacturer's specifications and other data needed to prove compliance with the specified requirements.

PRODUCTS

- Refer to Lighting Fixture schedule on Drawing E1.0

2. Other products including conduit and fittings, wiring, and other products or materials needed for a complete and proper installations required by the Work.

EXECUTION

- General:
 - Work shall comply with the requirements the 2018 Connecticut building code and all applicable referenced codes therein.
 - Potential disruptions of electrical service to the Library during normal operating hours must be coordinated with and approved by the Library director and/or the Architect.
- Provide and install lighting fixtures in locations shown on Drawings A1.1 and E1.0.
- Provide and install LED cove lighting with emergency lighting functionality.
- Provide and install lighted exit signs in locations shown on the Drawings.
- Provide electrical power to all doors requiring it.
- Provide and install ceiling-mount space heater in the new entrance vestibule.
- Provide and install duplex electrical receptacles in locations shown on the Drawings and as required by applicable codes.
- Provide and install switches and occupancy sensors in coordination with BML and its Architect.
- Provide other electrical items in addition to those stated above as needed for a complete, code-compliant installation.

End of Section

General Notes

1. American Institute of Architects Document A201-2017, General Conditions of the Contract for Construction shall apply to this project.

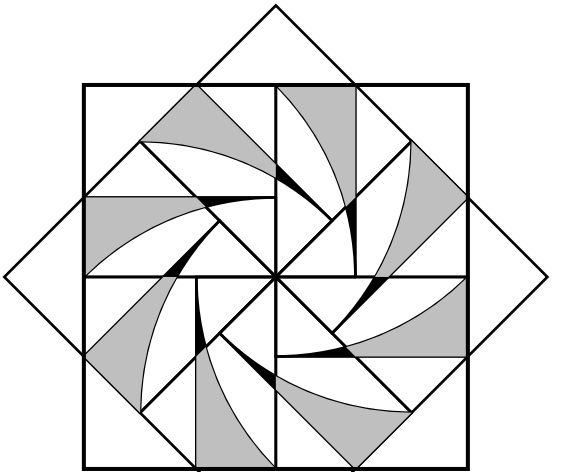
2. Quality Assurance, general:

- Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the Work.
- Use equipment adequate in size, capacity, and numbers to accomplish the work in a timely manner.
- Comply with the requirements of the Connecticut State Building Code and with the requirements of governmental agencies having jurisdiction.

3. The Contractor shall examine the areas and conditions under which the Work will be performed, and shall correct conditions detrimental to timely and proper completion of the Work. Work shall not proceed until unsatisfactory conditions are corrected.

REVISIONS

Date	Notes



J. W.
HUBER
ARCHITECT

45 Bokum Rd. P. O. Box 441
Essex, CT 06426
(860) 767-7334

Brainerd Memorial Library
Accessible Entrance & Associated
Alterations
920 Saybrook Road
Haddam, CT 06438

Notes and Specifications

Job No. 18-1113

Drawn by

Date May 16, 2019

Checked by

NS
1.0