

TOWN OF GLASTONBURY
GL-2019-19
State DAS Project No. 054-0098CV
GLASTONBURY HIGH SCHOOL KITCHEN CODE VIOLATION PROJECT
ADDENDUM NO. 2
February 28, 2020

Bid Due Date: 03-05-2020 @ 11:00 A.M.

This Addendum dated February 28, 2020 forms a part of the Contract Documents and modifies the original Bidding Documents dated February 13, 2020.

The attention of bidders submitting proposals for the above-referenced project is called to the following Addendum to the contract documents. The items set forth herein, whether of omission, addition, substitution or other change, are all to be included in and form a part of the proposed Contract Documents for the work. Bidders shall acknowledge this Addendum on the Bid Form (Attachment 1).

A. Instructions to Bidders Clarifications/Revisions:

- a. See attached list of attendees for the pre-bid meeting for reference.

B. RFI Questions and Answers:

Question 1: *Please confirm the Owner will waive the Town Permit fees.*

Answer: The Town portion of the building permit fee is waived. The GC is responsible for the State of CT portion.

Question 2: *Instructions to Bidders Para 1.2 project Schedule dates are different than dates discussed at the prebid meeting.*

- a. *Please clarify the dates of the project*
- b. *Please clarify the dates of when the kitchen can be taken off line and put back online*

Answer:
a. Refer to Instructions to Bidders PART 5.1 BID TIMELINE for the project schedule.
b. The kitchen can be taken off line after the last day of school. The last day of school is currently scheduled to be June 12. The kitchen will need legal approval to operate on August 21.

Question 3: *Spec 011000 Para 1.4 – please define the intended two phases.*

Answer: Refer to enclosed revised specification section 011000. Phase 1 is abatement work, as indicated on Drawing HA-001, that was completed during the summer of 2019. Drawing HA-001 is provided for information only. Phase 2 is the contract for General Construction and comprises all work contained in the drawings and specifications, with

the exception of the abatement work. Phase 2 work includes coordination of remaining abatement work, performed under a separate contract and as indicated on HA-002. Spec 011000 Para 1.4. B, Construction Schedule submittal regarding phases, is not required and is removed from the specification.

Question 4: *Specs 220700 Plumbing Insulation and 221319.05 Flow Maintenance For Underground Sanitary Grease Waste are included in the spec manual, but not listed in TOC. Please clarify.*

Answer: Specification Sections 22 07 00, “Plumbing Insulation” and 22 13 19.05 “Flow Maintenance for Underground Sanitary Grease Waste” shall be included in the Table of Contents.

Question 5: *Please confirm the Owner will move all loose furniture, food, stored goods, cooking utensils, wall hangings, etc. prior to the GC starting work.*

Answer: The Owner will move all loose FF&E items including furniture, food, stored goods, cooking utensils, wall hangings, etc. prior to the GC starting work.

Question 6: *Please confirm the Owner has contracted a vendor for asbestos abatement required for this project, and the GC is not responsible for abatement.*

Answer: The Owner has contracted with BESTECH for abatement required for this project. As indicated in project phasing, part of the abatement work was completed during the summer of 2019. The remainder of the work will be completed during the construction period. Refer to the revised sheet HA-002 included in this addendum for the scope of abatement work during construction. The GC is responsible for coordinating work with the abatement vendor.

Question 7: *Drawing C-101 notes the sanitary exiting the building within the ramp. Drawing P-100 shows the sanitary exiting the building south of the ramp footprint. Please clarify where the sanitary is intended to exit.*

Answer: The sanitary line should not exit the building within the ramp. Refer to the plumbing drawings for location of the sanitary line exiting the building. Drawing C-101, included in this addendum, has been revised to match the plumbing drawings.

Question 8: *Drawing A101 Kitchen 15 calls for a pitched topping slab in kitchen, from 0” to 1”. Please provide spec for the intended material.*

Answer: Refer to specification section 035416, “Hydraulic Cement Underlayment”, issued as part of this addendum for the pitched topping slab material in the kitchen.

Question 9: *Drawing A101 – please clarify the intended partition type for these infills:*
a. Lockers 3 – south wall
b. WC 5 – west wall

Answer: a. Provide partition type 3 for Lockers 3, south wall.

b. Provide 1 hour fire rated masonry wall infill at the west wall of WC 5. Refer to partition type 1A, revised sheet G-002.

Question 10: *Spec 055200 – please confirm these roof safety rails are BASE BID work, and are NOT included in ALTERNATE #1.*

Answer: The safety rails should be included as part of Alternate #1. See attached revised Specification Section 012300 and revised sheet A-103.

Question 11: *A101 Office 2 has a line that looks like a counter on the East side. Please confirm a custom millwork counter is NOT intended.*

a. If a millwork counter is intended, please provide elevation and section noting materials.

Answer: A millwork counter is not intended for Office 2. This office will have an FF&E desk provided by the Owner. The line shown on drawing A-101 has been deleted.

Question 12: *At the prebid meeting, existing PVC DWV piping was observed. The specs are call for cast iron piping. Please clarify if pvc is acceptable for this project.*

Answer: Waste and sanitary piping shall be cast iron as specified. PVC is not acceptable.

Question 13: *Spec 220500 Para 2.23 & Spec 221319.05 both call for heat trace. Please clarify which spec is to prevail.*

Answer: Both Sections are applicable. Paragraph 2.23, section 22 05 00 is for freeze protection. Section 22 13 19.05 applies to grease waste pipe.

Question 14: *On Riser Drawing EP-201 – Two Existing Panel Boards are called to be re-fed, 2KP5 & 2P3. Neither of these Panels are denoted on the Demo or Power Drawings. Please advise as to their location.*

Answer: Drawing EP-201 Detail #2 calls for these panels to be renamed 2KP5E and 2P3E. These panels are shown on Drawing EP-101.

Question 15: *On Drawing EP-101 there are several areas where there is a symbol with a circle and a black triangle within it. This symbol does not appear on Drawing E-000 – Symbols and Legends – Not sure if this is meant to be a direct connect, stub –up or something else*

Answer: This is a special equipment power connection (direct connection to equipment). The symbol is shown on drawing E-000 but the triangle did not get filled in for some reason.

Question 16: *On Drawing ES-101 – PA Speakers are denoted. Please provide a Make and Model.*

Answer: These speakers are existing to be relocated and reconnected.

C. Specification Clarifications/ Revisions:

1. SECTION 000110 – TABLE OF CONTENTS

Division 22 – Plumbing

ADDED the following sections:

220700 Plumbing Insulation

221319.05 Flow Maintenance for Underground Sanitary Grease Waste

2. SECTION 000115 – LIST OF DRAWINGS

ADDED the following drawings:

AD-102 Second Floor Demolition Plan

HA-002 First Floor Abatement Plan Phase 2

REVISED the following drawing title:

HA-001 First Floor Abatement Plan Phase 1

3. SECTION 011000 – SUMMARY

1.4 PHASED CONSTRUCTION

ADDED the following paragraphs:

- 1. Phase 1 is abatement work, as indicated on Drawing HA-001, that was completed during the summer of 2019. Drawing HA-001 is provided for information only.**
- 2. Phase 2 is the contract for General Construction and comprises all work contained in the drawings and specifications, with the exception of the abatement work. Phase 2 work includes coordination of remaining abatement work, performed under a separate contract and as indicated on drawing HA-002.**

DELETED paragraph 1.4 B

4. SECTION 012300 – ALTERNATES

2.1 SCHEDULE OF ALTERNATES

REVISED paragraph 2 as follows:

- 2. Alternate: Remove and Replace existing air conditioner with new air conditioner ACU-01 & ACU-02 as indicated on H-000 & H-101. Safety rails as indicated in Specification section 012300 and on drawing A-103 are to be included in Alternate No. 1**

5. ADDED SECTION 035416 – HYDRAULIC CEMENT UNDERLAYMENT

D. Drawing Clarifications/ Revisions:

Item #1	<u>Drawing G-000 and G-001</u>	ADDED drawings AD-102 and HA-002 to drawing list
Item #2	<u>Drawing G-002</u>	ADDED sealant at top of Partition Type 1, CMU wall. ADDED partition type 1A – 1 HR. Rated CMU Wall.
Item #3	<u>Drawing HA-001</u>	REVISED scope to clarify abatement that was completed during Phase 1.
Item #4	<u>Drawing HA-002</u>	ADDED sheet HA-002 to clarify abatement scope to be completed during Phase 2.
Item #5	<u>Drawing C-101</u>	REVISED location of sanitary line exiting building to match plumbing drawings.
Item #6	<u>Drawing AD-102</u>	ADDED sheet AD-102, “Second Floor Demolition Plan” showing demolition of shaft wall at Storage Room E211
Item #7	<u>Drawing A-101</u>	DELETED counter line in Office 2.
Item #8	<u>Drawing A-102</u>	ADDED new shaft wall at Storage Room E211 ADDED note clarifying steel roof rails as part of Alternate #1.
Item #9	<u>Drawing A-103</u>	REVISED Detail callout 2/A-103 at kitchen exhaust fan roof penetrations to be detail callout 2/A-103 for dryer vent at roof. ADDED Note “Existing roof curbs to remain. New exhaust fans on existing curbs per mechanical drawings.” REVISED Detail 2 “Roof Detail – New Curb” to show the connection of the rated shaft in room E211 to the roof deck. ADDED note clarifying roof rail and mechanical units are part of Alternate #1.
Item #10	<u>Drawing A-800</u>	ADDED Note identifying ADA Lever Handles where applicable.

END OF ADDENDUM NO. 2

TOWN OF GLASTONBURY

GLASTONBURY HIGH SCHOOL, KITCHEN CODE VIOLATION PROJECT

BID #GL-2019-19 / STATE DAS PROJECT #054-0098 CV

FEBRUARY 20, 2020 - 3:00 P.M.

NAME	COMPANY REPRESENTED	ADDRESS	PHONE NUMBER	EMAIL ADDRESS
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Rodney Rookley	Northcut Ind. Floorings	90 Kingspring Rd Windsor Locks CT 06096	860 292 5920	NIFCWA@NIFEPoxyFloor.com
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Parate				
Matt Marrese	Leonard Marrese con	850 Sageshen Hwy Meriden CT	866-716-8673	LMarrese@con.net
JACK TIBBETTS	CT Carpentry Corp.	1850 Silas Hill Rd Rocky Hill CT 06067	860-571-8812	jt.tibbets@ctcarpentry.com
VICTOR CLARIDISON	Acaderebuild LLC	3400 Main St Hamden CT 06110	860-403-0225	Victore Acure@ct.com
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SECTION 000110 - TABLE OF CONTENTS

DIVISION 00 - PROCUREMENT AND CONTRACTING PROCEDURES

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DIVISION 01 - GENERAL REQUIREMENTS

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012500	Substitution Procedures
012600	Contract Modification Procedures
012900	Payment Procedures
013100	Project Management and Coordination
013200	Construction Progress Documentation
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014200	References
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016000	Product Requirements
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017823	Operation and Maintenance Data
017839	Project Record Documents
017900	Demonstration and Training
018113	Sustainable Design Requirements

DIVISION 02 - EXISTING CONDITIONS

024119	Selective Demolition
028213	Asbestos Abatement
028319	Lead Paint Awareness
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DIVISION 03 – CONCRETE – Refer to Structural Drawings for Requirements

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055000 Metal Fabrications
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DIVISION 06 - WOOD, PLASTICS AND COMPOSITES

061053 Miscellaneous Rough Carpentry
064023 Interior Architectural Woodwork
066400 Plastic Paneling

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

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DIVISION 08 - OPENINGS

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092116.23 Gypsum Board Shaft Wall Assemblies
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096513 Resilient Base and Accessories
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114000 Foodservice Equipment

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DIVISION 21 - FIRE SUPPRESSION

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220500 Common Work Results for Plumbing

220700 Plumbing Insulation

221319.05 Flow Maintenance for Underground Sanitary Grease Waste

DIVISION 23 - HEATING, VENTILATING, AND AIR COONDITIONING (HVAC)

230593 Testing, Adjusting, and Balancing for HVAC

230700 HVAC Insulation

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233113 Metal Ducts

DIVISION 25 – INTEGRATED AUTOMATION – Not Used

DIVISION 26 - ELECTRICAL

260000 General Electrical

260500 Basic Electrical Materials and Methods

262000 Service and Distribution

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DIVISION 27 – COMMUNICATIONS – Not Used

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

283100 Fire Alarm System

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SECTION 000115 - LIST OF DRAWINGS

GENERAL

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G-001 DRAWING LIST, SYMBOLS & ABBREVIATIONS
G-002 PARTITION TYPES

LS-101 LIFE SAFETY PLANS
LS-102 MOUNTING HEIGHTS

HA-001 FIRST FLOOR ABATEMENT PLAN PHASE 1
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SITE

C-101 SITE UTILITIES PLAN

STRUCTURAL

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A-101A KITCHEN CURB PLAN
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A-103 PARTIAL ROOF PLAN AND DETAILS
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A-901 FIRST FLOOR – WALL FINISH PLAN
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FS-102	FOODSERVICE EQUIPMENT PLAN
FS-103	FOODSERVICE EQUIPMENT ROUGHING-IN PLAN
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FIRE PROTECTION

FP-000	FIRE PROTECTION GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
FPD-101	FIRST FLOOR FIRE PROTECTION DEMOLITION PLAN
FP-101	FIRST FLOOR FIRE PROTECTION PLAN

PLUMBING

P-000	PLUMBING GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS
PD-100	BASEMENT PLUMBING DEMOLITION PLAN
PD-101	FIRST FLOOR PLUMBING DEMOLITION PLAN
P-100	BASEMENT PLUMBING PLAN
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P-602	DOMESTIC WATER AND GAS FLOW DIAGRAMS
P-800	PLUMBING SCHEDULES

HVAC

H-000	HVAC GENERAL NOTES, SYMBOLS, AND MECHANICAL SCHEDULES
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H-101	FIRST FLOOR AND ROOF HVAC PLANS
H-401	HVAC DETAILS AND CONTROL DIAGRAMS

ELECTRICAL

E-000	ELECTRICAL DRAWING LEGEND
ELD-101	FIRST FLOOR LIGHTING DEMOLITION PLAN
EL-101	FIRST FLOOR LIGHTING PLAN
EL-200	LIGHT FIXTURE SCHEDULE AND DETAILS
EPD-101	FIRST FLOOR POWER DEMOLITION PLAN
EP-101	FIRST FLOOR POWER PLAN
EP-200	POWER DETAILS AND PART PLANS
EP-201	ONE LINE RISER DIAGRAM AND SCHEDULES
EP-202	ELECTRICAL PANELBOARD SCHEDULES
ES-101	FIRST FLOOR SPECIAL SYSTEMS PLAN

Glastonbury High School
Kitchen Code Violation Project
330 Hubbard Street, Glastonbury CT
GL-2019-19

ID3A, LLC
State DAS Project No. 054-0098CV
Final Construction Documents
March 29, 2019
Addendum #2, Feb 27, 2020

END OF SECTION 000115

SECTION 011000 - SUMMARY

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Project information.
2. Work covered by Contract Documents.
3. Phased construction.
4. Access to site.
5. Coordination with occupants.
6. Work restrictions.
7. Specification and Drawing conventions.

B. Related Requirements:

1. Section 015000 "Temporary Facilities and Controls" for limitations and procedures governing temporary use of Owner's facilities.

1.2 PROJECT INFORMATION

A. Project Identification: Glastonbury High School, Kitchen Code Violation Project: GL-2019-19.

1. Project Location: 330 Hubbard Street, Glastonbury, CT 06033.

B. Owner: Town of Glastonbury, 2155 Main Street, Glastonbury, CT 06033.

1. Owner's Representative: Dave Sacchitella, Town of Glastonbury.

C. Architect: Id3A, LLC. 655 Winding Brook Drive, Glastonbury, CT 06033 Katie Symonds, Senior Architect.

D. Web-Based Project Software: Project software administered by Contractor will be used for purposes of managing communication and documents during the construction stage.

1. See Section 013100 "Project Management and Coordination." for requirements for using web-based Project software.

1.3 WORK COVERED BY CONTRACT DOCUMENTS

A. The Work of Project is defined by the Contract Documents and consists of the following:

1. The Glastonbury Board of Education Food Service Department has a need for an updated kitchen and food service operation at Glastonbury High School. Updates include new kitchen equipment with a new layout to provide better work-flow and to address

some existing ADA issues. The project is a 3,290 sf renovation at the existing high school, which includes the existing kitchen, adjacent corridor and food storage area. The project includes renovating 537 sf of the existing cafeteria space and incorporating it into the kitchen. Included in the new kitchen is a private office, locker room, staff water closet and cleaning storage area. The project includes new kitchen equipment and all associated mechanical, electrical and plumbing work as required to support the new layout. The project also includes minor site work as required for a new grease trap and other Work indicated in the Contract Documents.

B. Type of Contract:

1. Project will be constructed under a single prime contract.

1.4 PHASED CONSTRUCTION

A. The Work shall be conducted in two phases, with each phase substantially complete as indicated.

1. **Phase 1 is abatement work, as indicated on Drawing HA-001, that was completed during the summer of 2019. Drawing HA-001 is provided for information only.**
2. **Phase 2 is the contract for General Construction and comprises all work contained in the drawings and specifications, with the exception of the abatement work. Phase 2 work includes coordination of remaining abatement work, performed under a separate contract and as indicated on drawing HA-002.**

~~B. Before commencing Work of each phase, submit an updated copy of Contractor's construction schedule showing the sequence, commencement and completion dates for all phases of the Work.~~

1.5 ACCESS TO SITE

A. General: Contractor shall have limited use of Project site for construction operations as indicated on Drawings by the Contract limits and as indicated by requirements of this Section.

B. Use of Site: Limit use of Project site to Work in areas indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.

1. Driveways, Walkways, and Entrances: Keep driveways and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or for storage of materials.

C. Condition of Existing Building: Maintain portions of existing building affected by construction operations in a weathertight condition throughout construction period. Repair damage caused by construction operations.

1.6 COORDINATION WITH OCCUPANTS

- A. Partial Owner Occupancy: Owner will occupy the premises during entire construction period, with the exception of areas under construction. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's operations. Maintain existing exits unless otherwise indicated.

1.7 WORK RESTRICTIONS

- A. Work Restrictions, General: Comply with restrictions on construction operations.
 - 1. Comply with limitations on use of public streets and with other requirements of authorities having jurisdiction.
- B. On-Site Work Hours: Limit work in the existing building to normal business working hours of 5:30 a.m. to 5:30 p.m., Monday through Friday, unless otherwise indicated.
- C. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:
 - 1. Notify Owner not less than five days in advance of proposed utility interruptions.
 - 2. Obtain Owner's written permission before proceeding with utility interruptions.
- D. Restricted Substances: Use of tobacco products and other controlled substances on the entire Project site is not permitted.

1.8 SPECIFICATION AND DRAWING CONVENTIONS

- A. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:
 - 1. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.
 - 2. Specification requirements are to be performed by Contractor unless specifically stated otherwise.
- B. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.

END OF SECTION 011000

SECTION 012300 - ALTERNATES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

1.2 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
 - 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

1.3 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Execute accepted alternates under the same conditions as other work of the Contract.
- C. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - EXECUTION

2.1 SCHEDULE OF ALTERNATES

- A. Alternate No. 1: Ductless Air Conditioner.
 - 1. Base Bid: Existing Air Conditioners to remain.

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2. Alternate: Remove and Replace existing air conditioner with new air conditioner ACU-01 & ACU-02 as indicated on H-000 & H-101. **Safety rails as indicated in Specification section 012300 and on drawing A-103 are to be included in Alternate No. 1**

END OF SECTION 012300

SECTION 035416 – HYDRAULIC CEMENT UNDERLAYMENT

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Polymer-modified, self-leveling, hydraulic cement underlayment for application below interior floor coverings.

1.2 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.3 ACTION SUBMITTALS

A. Product Data: For the following:

1. Hydraulic cement underlayment.
2. Reinforcement.
3. Primer.
4. Surface sealer.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Installer who is approved by manufacturer for application of underlayment products required for this Project.

1.5 FIELD CONDITIONS

- A. Environmental Limitations: Comply with manufacturer's written instructions for substrate temperature, ventilation, ambient temperature and humidity, and other conditions affecting underlayment performance.

1. Place hydraulic cement underlayments only when ambient temperature and temperature of substrates are between 50 and 80 deg F (10 and 27 deg C).

PART 2 - PRODUCTS

2.1 HYDRAULIC CEMENT UNDERLAYMENTS

- A. Hydraulic Cement Underlayment: Polymer-modified, self-leveling, hydraulic cement product that can be applied in minimum uniform thickness of 1/4 inch (6 mm) and that can be feathered at edges to match adjacent floor elevations.
1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. ARDEX Americas
 - b. BASF Corporation
 - c. Laticrete International, Inc.
 - d. MAPEI Corporation
 2. Cement Binder: ASTM C150/C150M, portland cement, or hydraulic or blended hydraulic cement as defined by ASTM C219.
 3. Compressive Strength: Not less than 4000 psi (27.6 MPa) at 28 days when tested according to ASTM C109/C109M.
 4. Underlayment Additive: Resilient-emulsion product of underlayment manufacturer, formulated for use with underlayment when applied to substrate and conditions indicated.
- B. Aggregate: Well-graded, washed gravel, 1/8 to 1/4 inch (3 to 6 mm); or coarse sand as recommended by underlayment manufacturer.
1. Provide aggregate when recommended in writing by underlayment manufacturer for underlayment thickness required.
- C. Water: Potable and at a temperature of not more than 70 deg F (21 deg C).
- D. Reinforcement: For underlayment applied to wood substrates, provide galvanized metal lath or other corrosion-resistant reinforcement recommended in writing by underlayment manufacturer.
- E. Primer: Product of underlayment manufacturer recommended in writing for substrate, conditions, and application indicated.
- F. Surface Sealer: Designed to reduce porosity as recommended by manufacturer for type of floor covering to be applied to underlayment.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Prepare and clean substrate according to manufacturer's written instructions.
1. Treat nonmoving substrate cracks according to manufacturer's written instructions to prevent cracks from telegraphing (reflecting) through underlayment.

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2. Fill substrate voids to prevent underlayment from leaking.
- B. Concrete Substrates: Mechanically remove, according to manufacturer's written instructions, laitance, glaze, efflorescence, curing compounds, form-release agents, dust, dirt, grease, oil, and other contaminants that might impair underlayment bond.
1. Moisture Testing: Perform tests so that each test area does not exceed 200 sq. ft. (18.6 sq. m, and perform no fewer than three tests in each installation area and with test areas evenly spaced in installation areas.
 - a. Anhydrous Calcium Chloride Test, ASTM F1869. Proceed with installation only after substrates do not exceed a maximum moisture-vapor-emission rate of 3 lb of water/1000 sq. ft. (1.36 kg of water/100 sq. m) in 24 hours.
 - b. Relative Humidity Test: Using in situ probes, ASTM F2170. Proceed with installation only after substrates have a maximum 85 percent relative humidity level measurement, or as recommended by hydraulic cement underlayment manufacturer.
- C. Nonporous Substrates: For ceramic tile, quarry tile, and terrazzo substrates, remove waxes, sealants, and other contaminants that might impair underlayment bond, and prepare surfaces according to manufacturer's written instructions.
- D. Adhesion Tests: After substrate preparation, test substrate for adhesion with underlayment according to manufacturer's written instructions.

3.2 INSTALLATION

- A. Mix and install underlayment components according to manufacturer's written instructions.
1. Close areas to traffic during underlayment installation and for time period after installation recommended in writing by manufacturer.
 2. Coordinate installation of components to provide optimum adhesion to substrate and between coats.
 3. At substrate expansion, isolation, and other moving joints, allow joint of same width to continue through underlayment.
- B. Apply primer over prepared substrate at manufacturer's recommended spreading rate.
- C. Install underlayment to produce uniform, level surface.
1. Install a final layer without aggregate to product surface.
 2. Feather edges to match adjacent floor elevations.
- D. Cure underlayment according to manufacturer's written instructions. Prevent contamination during installation and curing processes.
- E. Do not install floor coverings over underlayment until after time period recommended in writing by underlayment manufacturer.
- F. Apply surface sealer at rate recommended by manufacturer.

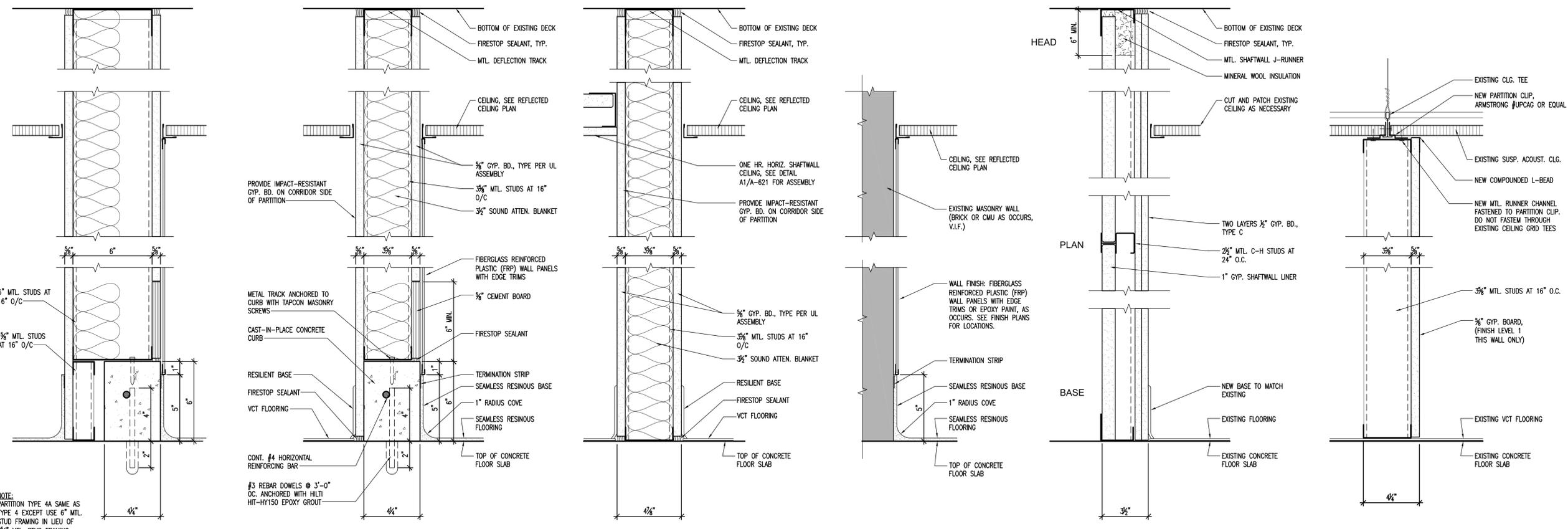
- G. Remove and replace underlayment areas that evidence lack of bond with substrate, including areas that emit a "hollow" sound when tapped.

3.3 INSTALLATION TOLERANCES

- A. Finish and measure surface, so gap at any point between hydraulic cement underlayment surface and an unlevelled, freestanding, 10-foot- (3.05-m-) long straightedge resting on two high spots and placed anywhere on the surface does not exceed 1/8 inch (3 mm) and 1/16 inch (1.6 mm) in 2 feet (610 mm).

END OF SECTION 035416

2'
1'
0 1/2'



4A OFFICE 2
3" = 1'-0"

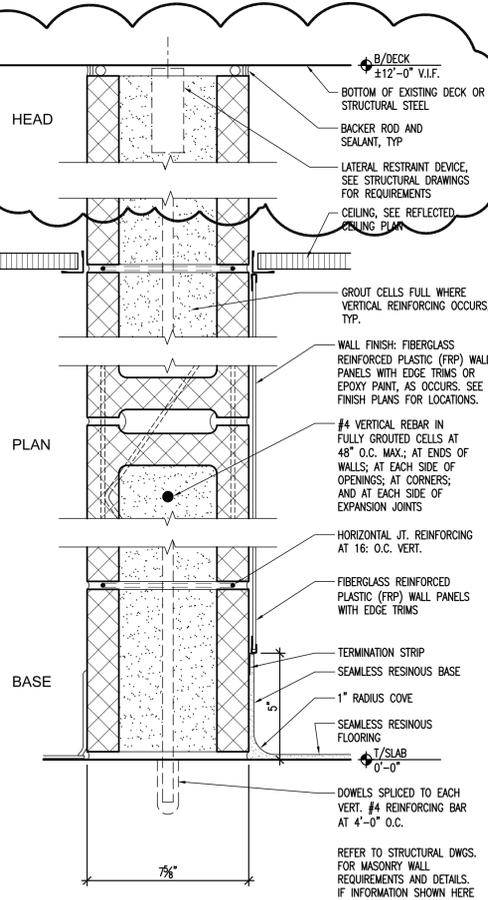
5a ONE HOUR FIRE RATED
3" = 1'-0" U.L. DES. NO. U465

5b ONE HR. FIRE RATED
3" = 1'-0" U.L. DES. NO. U465

6 KITCHEN 15
3" = 1'-0"

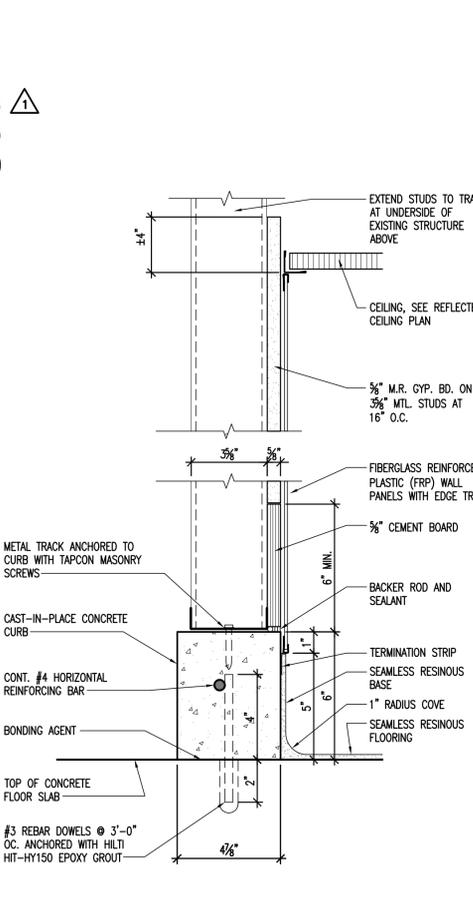
7 TWO HOUR FIRE RATED SHAFTWALL
3" = 1'-0" U.L. DES. NO. U415

T1 TEMPORARY WALL
3" = 1'-0"

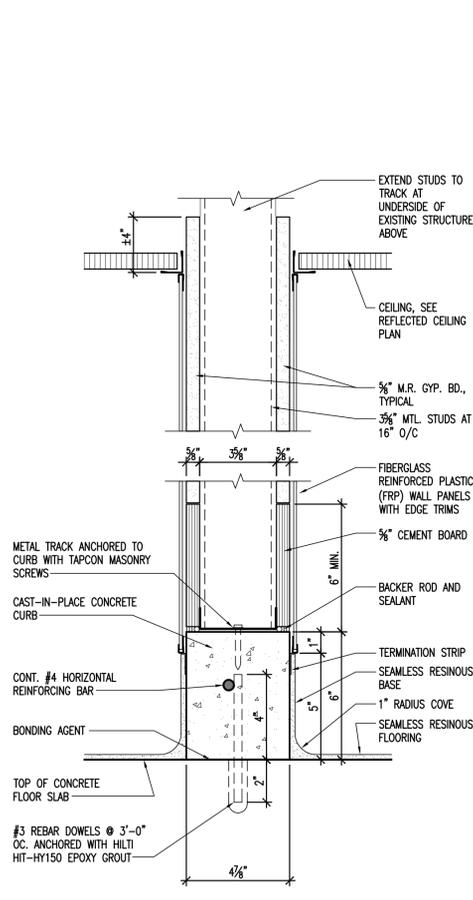


1 CMU
3" = 1'-0"

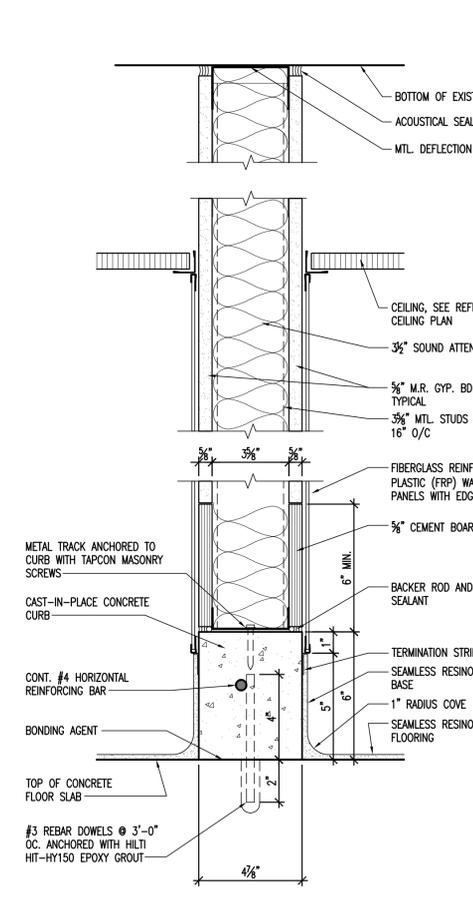
1A 1 HR. RATED CMU WALL
3" = 1'-0" U.L. DESIGN NO. U905



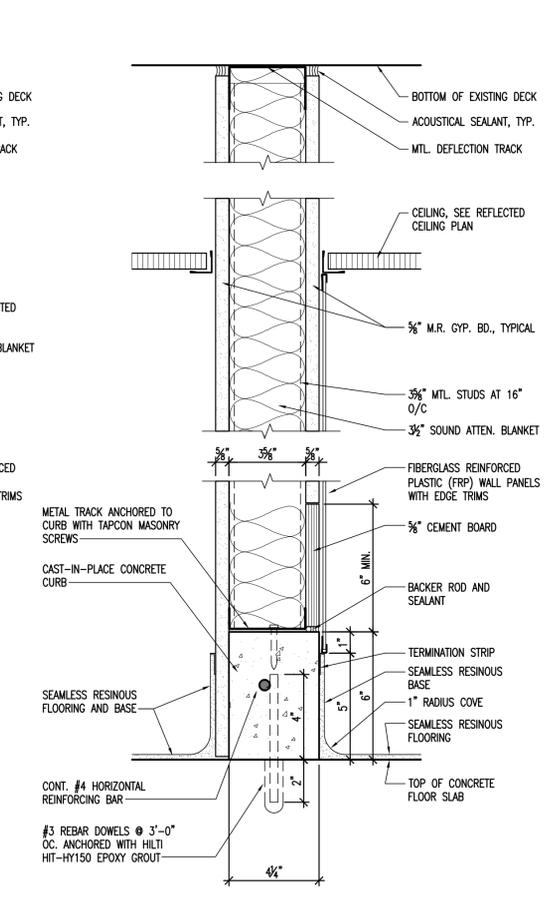
2 PIPE ENCLOSURES, CHASE WALLS
3" = 1'-0"



3 STORAGE 1, CLEANING 3, LOCKERS 4
3" = 1'-0"



3A WC 5
3" = 1'-0"



4 OFFICE 2
3" = 1'-0"

Kitchen Code Violation Project

State DAS Project No. 054-0098CV
Glastonbury High School
330 Hubbard St, Glastonbury, CT 06033
GL-2019-19

Project Team
Equipment Engineer



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860-652-8227

Revisions	
1	Addendum #2 2/27/20

Issue Record	

FINAL CONSTRUCTION DOCUMENTS

Drawing Information	
Date	March 29, 2019
Job Number	146.01.002
Scale	AS NOTED
Drawn	RK
Checked	GE
Drawing Name	

PARTITION TYPES

Drawing Number	

G-002



Kitchen Code Violation Project

State DAS Project No. 054-0098CV

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GL-2019-19

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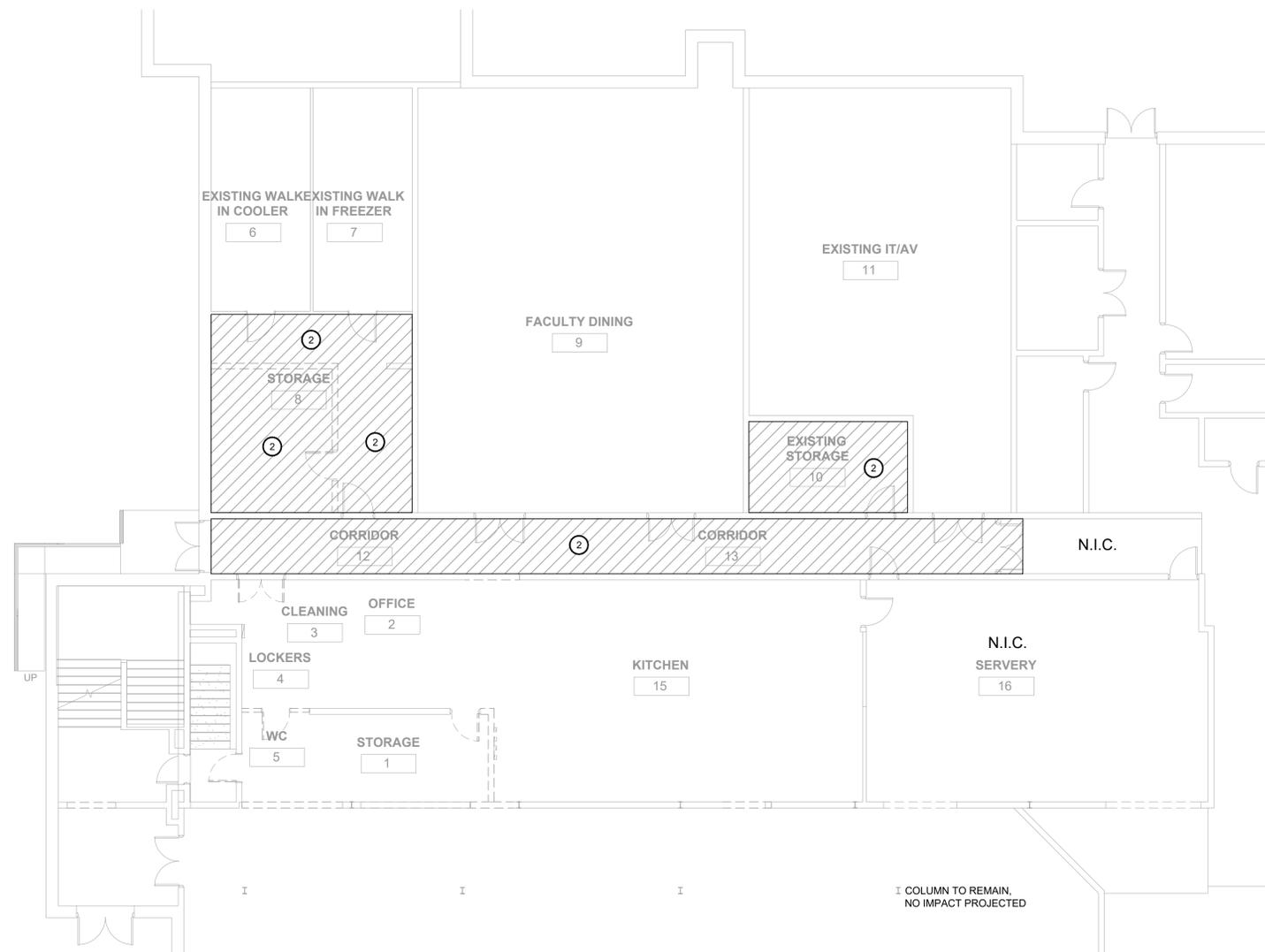
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**WORK COMPLETED DURING PHASE 1 -
SUMMER 2019**



ASBESTOS ABATEMENT NOTES

- ① THE HAZARDOUS MATERIALS ABATEMENT CONTRACTOR SHALL REMOVE AND DISPOSE OF HVAC SEAM SEALANT AS ACM.
- ② THE HAZARDOUS MATERIALS ABATEMENT CONTRACTOR SHALL REMOVE AND DISPOSE OF FLOOR TILE AND ASSOCIATED MASTIC AS ACM.
- ③ THE HAZARDOUS MATERIALS ABATEMENT CONTRACTOR SHALL REMOVE AND DISPOSE OF JOINT COMPOUND AS ACM.
- ④ THE HAZARDOUS MATERIALS ABATEMENT CONTRACTOR SHALL REMOVE AND DISPOSE OF ASPHALTIC FLASHING BEHIND BRICK AS ACM.
- ⑤ THE HAZARDOUS MATERIALS ABATEMENT CONTRACTOR SHALL REMOVE AND DISPOSE OF FIRE DOOR CORE INSULATION AS ACM.

GENERAL NOTES

1. THE HAZARDOUS MATERIALS ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING CONDITIONS AND QUANTITIES, AND FOR NOTIFYING THE CONSULTANT OF ANY DISCREPANCIES PRIOR TO FINALIZING BID
2. RENOVATION AREAS REPRESENTED ON THIS DRAWING ARE TO BETTER AID IN THE IDENTIFICATION OF AREAS REQUIRING ABATEMENT. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR RENOVATION INFORMATION.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY WATER, POWER, HEAT, LIFTS, STAGING, ETC. AS NEEDED AT THE SITE. TEMPORARY LIGHTING WITHIN THE WORK AREAS MUST BE CONNECTED TO GROUND FAULT CIRCUIT INTERRUPTER (GFCI) POWER PANELS INSTALLED BY A STATE OF CONNECTICUT LICENSED ELECTRICIAN, PERMITTED AS REQUIRED, AND LOCATED OUTSIDE THE WORK AREAS.

Revisions

1	Addendum #2	2/27/20
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Issue Record

Seal

FINAL CONSTRUCTION DOCUMENTS

Drawing Information	
Date	03/29/19
Job Number	GL-2019-19
Scale	1/8" = 1'-0"
Drawn	BLS
Checked	MM
Drawing Name	

FIRST FLOOR ABATEMENT PLAN
PHASE 1

Drawing Number

HA-001



FUSS & O'NEILL

146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860.646.2469
www.fando.com

1 FIRST FLOOR ABATEMENT PLAN
1/8" = 1'-0"



Kitchen Code Violation Project

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GL-2019-19

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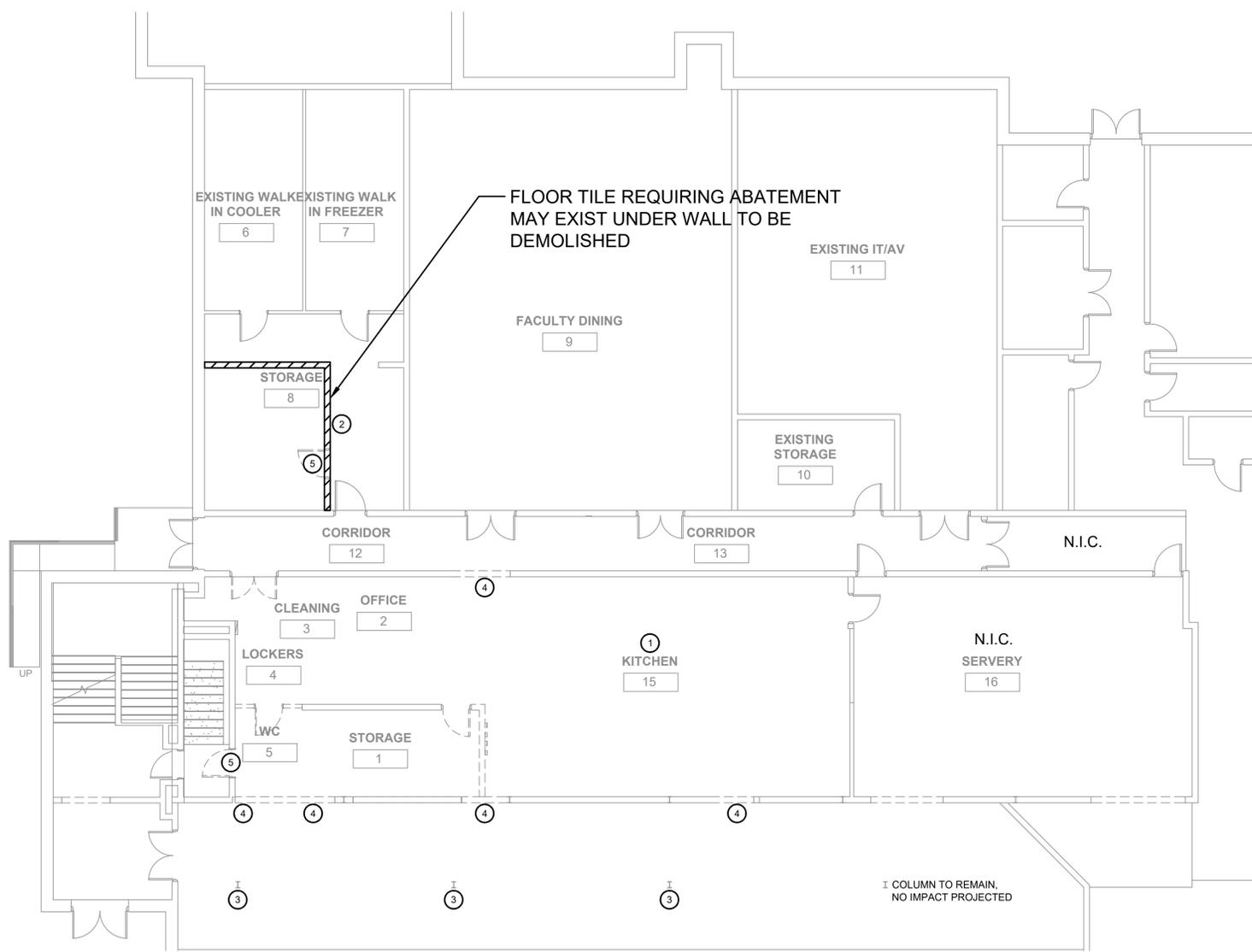


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PHASE 2 - SUMMER 2020



ASBESTOS ABATEMENT NOTES

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GENERAL NOTES

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Revisions	
1	Addendum #2
	2/27/20

Issue Record

Seal

FINAL CONSTRUCTION DOCUMENTS

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Date	03/29/19
Job Number	GL-2019-19
Scale	1/8" = 1'-0"
Drawn	BLS
Checked	MM
Drawing Name	

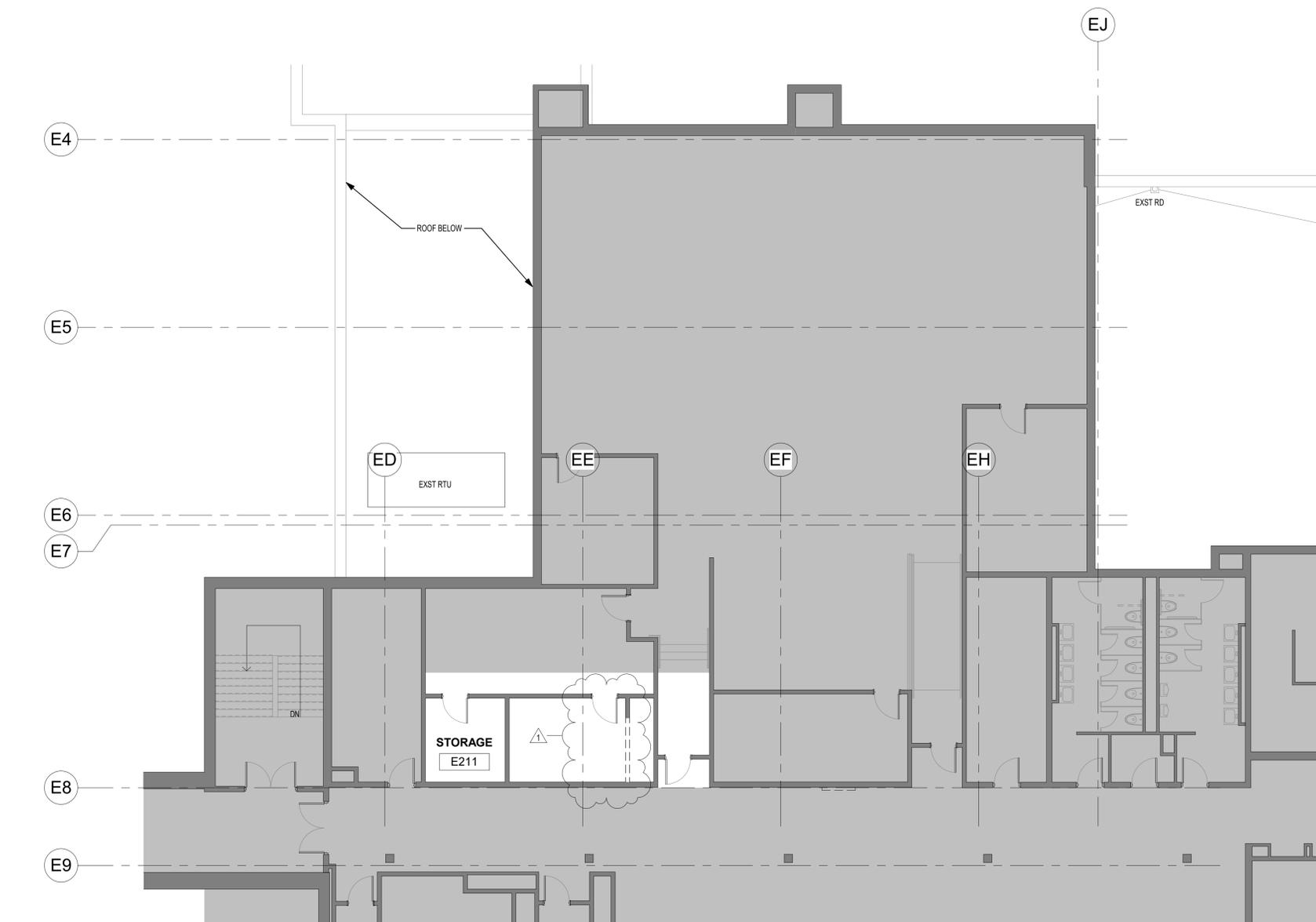
FIRST FLOOR ABATEMENT PLAN PHASE 2

Drawing Number

HA-002

① FIRST FLOOR ABATEMENT PLAN
1/8" = 1'-0"





1 SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

2/27/2020 2:46:40 PM 01-2019-19-AD-102

Kitchen Code Violation Project

State DAS Project No. 054-0098CV
Glastonbury High School
330 Hubbard St, Glastonbury, CT 06033
GL-2019-19

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Revisions

1	Addendum #2	2/27/20
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Issue Record

Seal

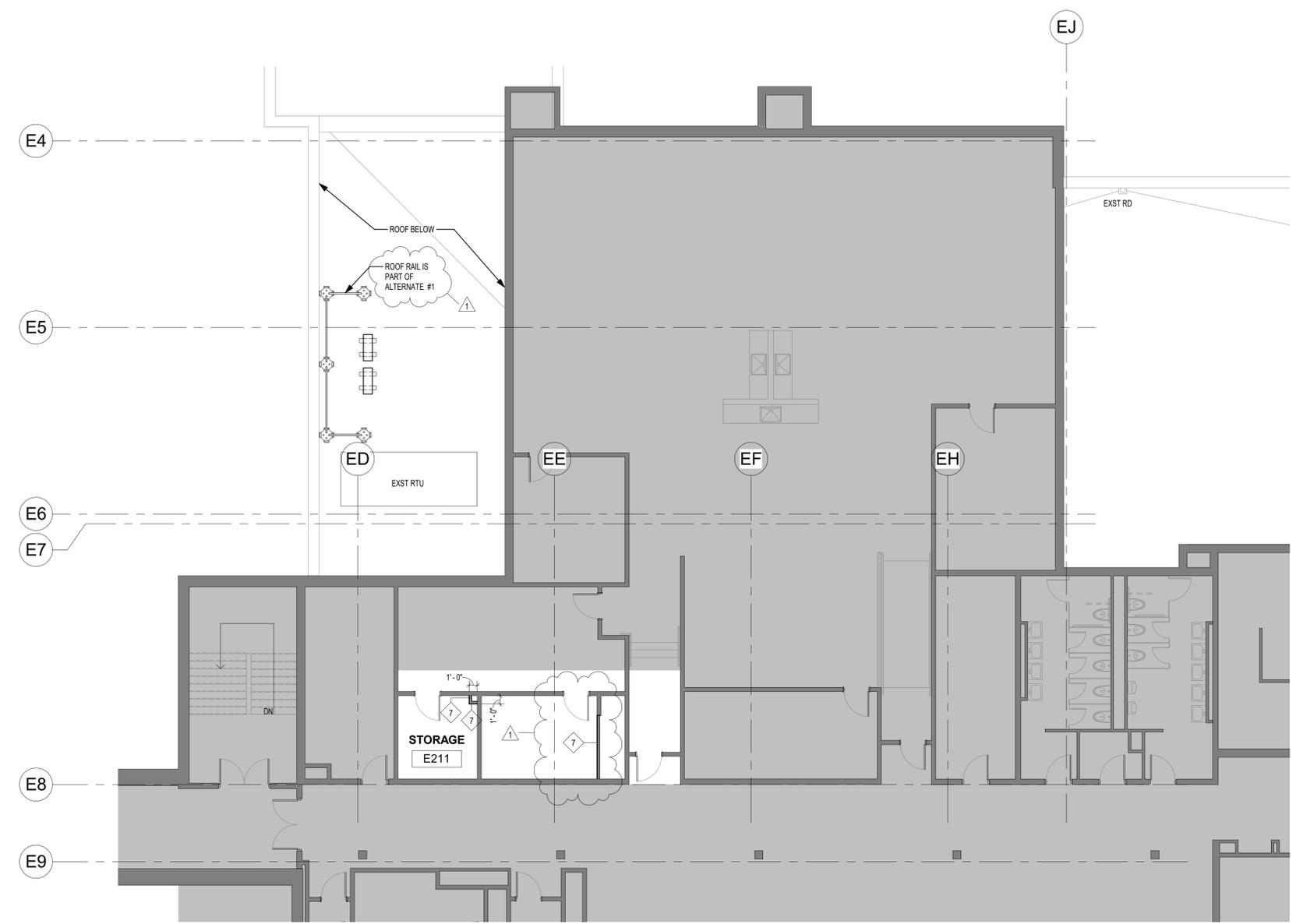
FINAL CONSTRUCTION DOCUMENTS

Drawing Information	
Date	March 29, 2019
Job Number	GL-2019-19
Scale	1/8" = 1'-0"
Drawn	Author
Checked	Checker
	Drawing Name

SECOND FLOOR DEMOLITION PLAN

Drawing Number

AD-102



1 SECOND FLOOR CONSTRUCTION PLAN
1/8" = 1'-0"

Kitchen Code Violation Project

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Revisions

1	Addendum #2	2/27/20
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Issue Record

Seal

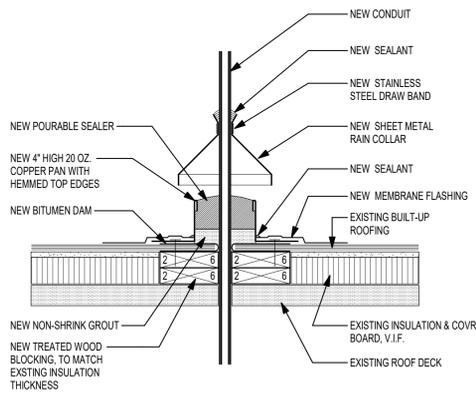
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Checked	KS
Drawing Name	

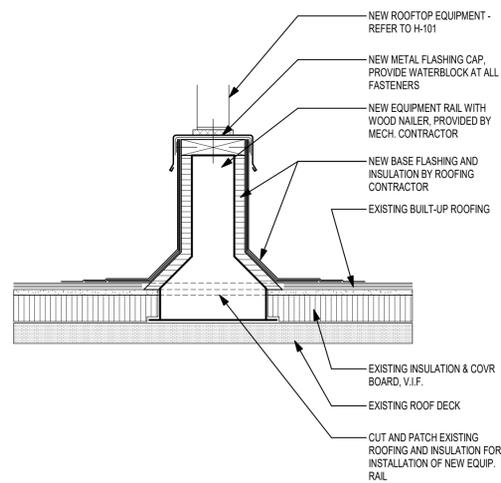
SECOND FLOOR PLAN

Drawing Number

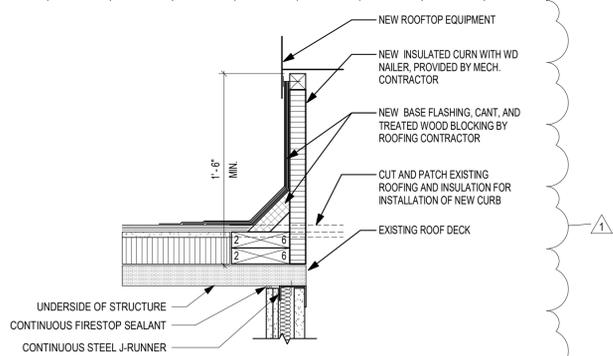
A-102



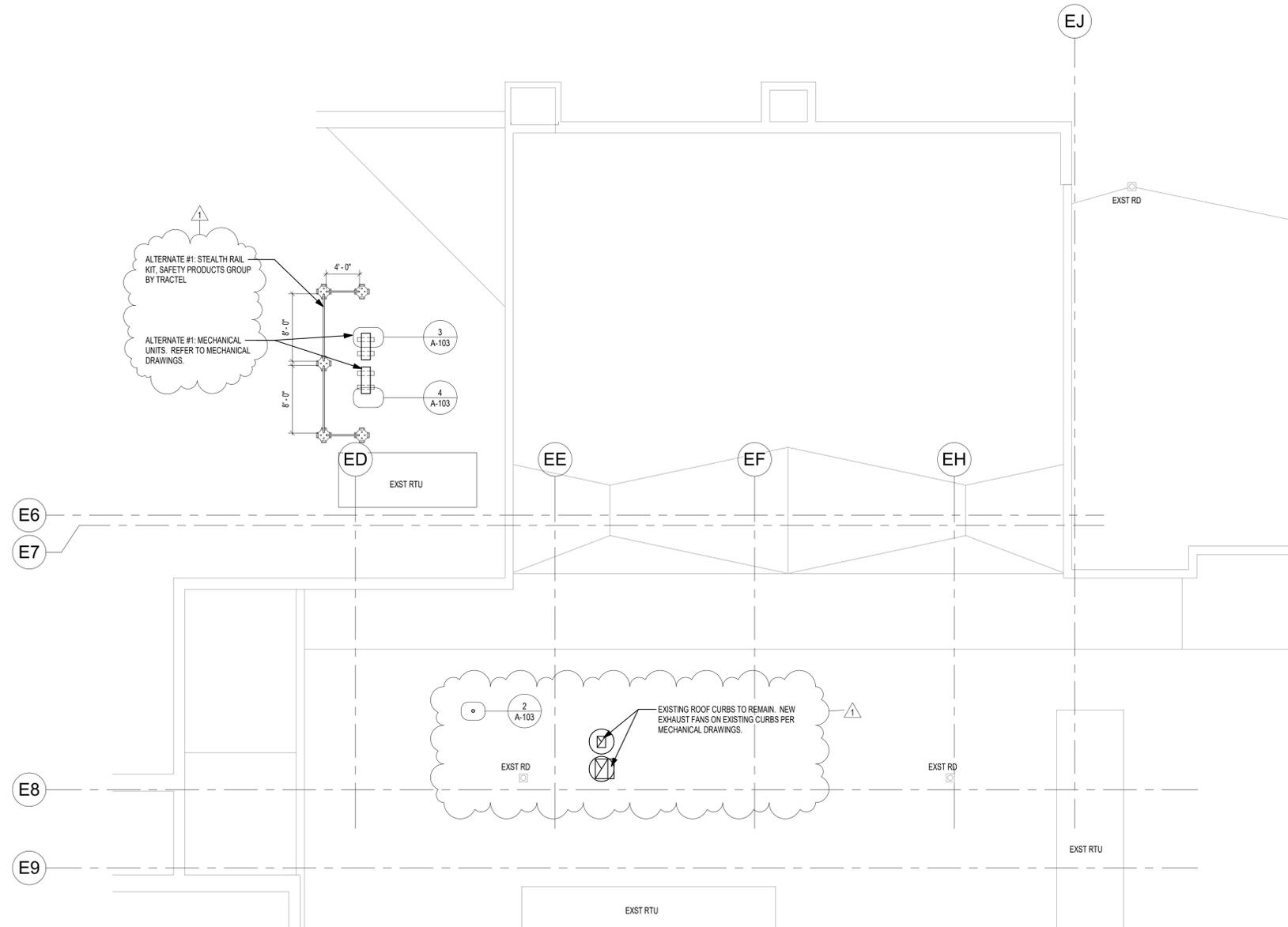
4 ROOF DETAIL - NEW PITCH BOX
1 1/2" = 1'-0"



3 ROOF DETAIL - NEW EQUIPMENT RAIL
1 1/2" = 1'-0"



2 ROOF DETAIL - NEW CURB
1 1/2" = 1'-0"



1 ROOF CONSTRUCTION PLAN
1/8" = 1'-0"

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Revisions

1	Addendum #2	2/27/20
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Issue Record

Seal

FINAL CONSTRUCTION DOCUMENTS

Drawing Information

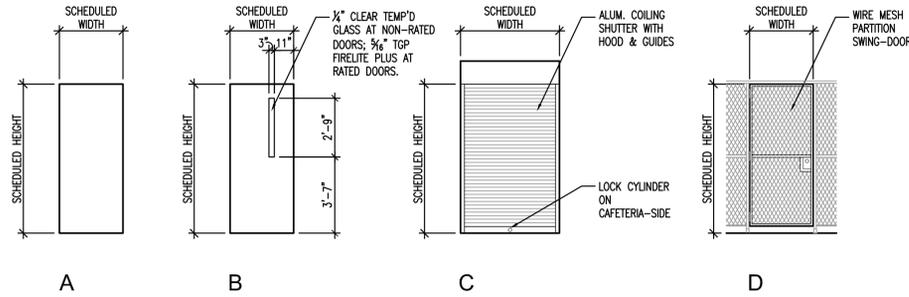
Date	March 29, 2019
Job Number	GL-2019-19
Scale	As indicated
Drawn	JP
Checked	RK

Drawing Name

PARTIAL ROOF PLAN AND DETAILS

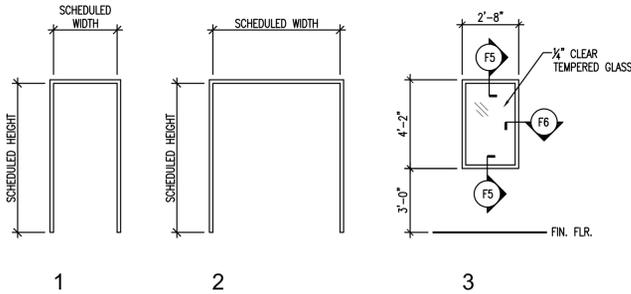
Drawing Number

A-103



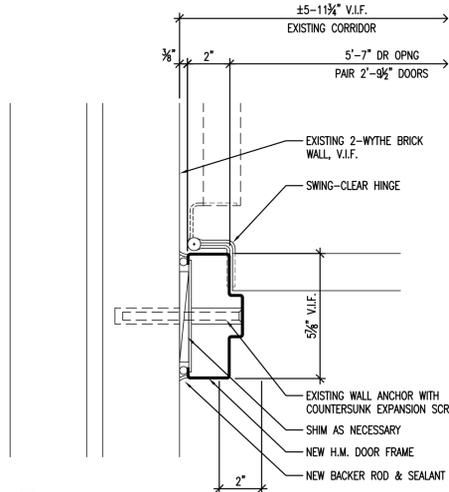
DOOR STYLES

1/4" = 1'-0"

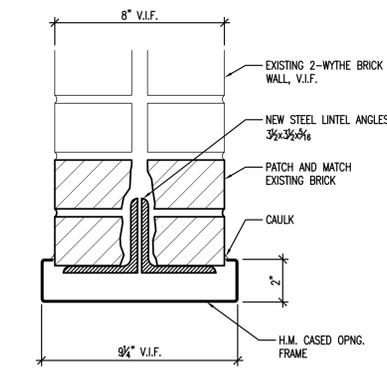


FRAME STYLES

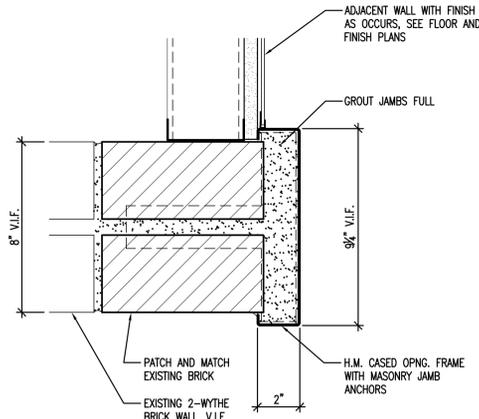
1/4" = 1'-0"



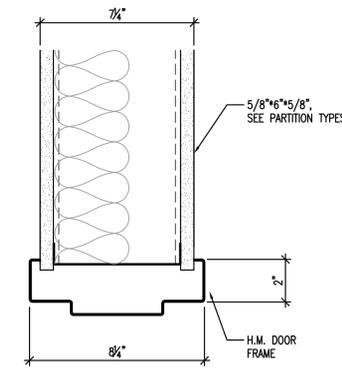
F7 DOOR JAMB
3" = 1'-0"



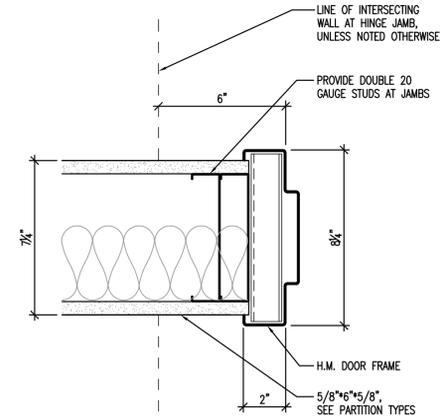
F8 CASED OPNG. HEAD
3" = 1'-0"



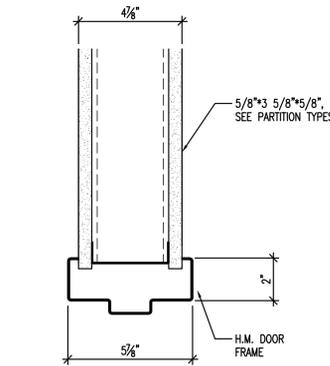
F9 CASED OPNG. JAMB
3" = 1'-0"



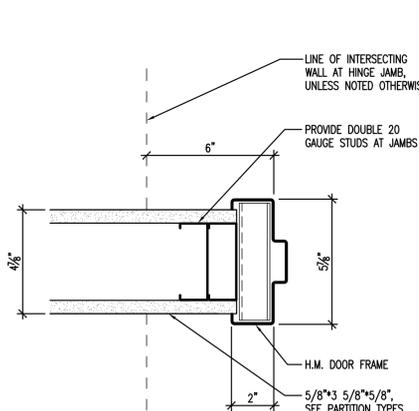
F10 DOOR HEAD
3" = 1'-0"



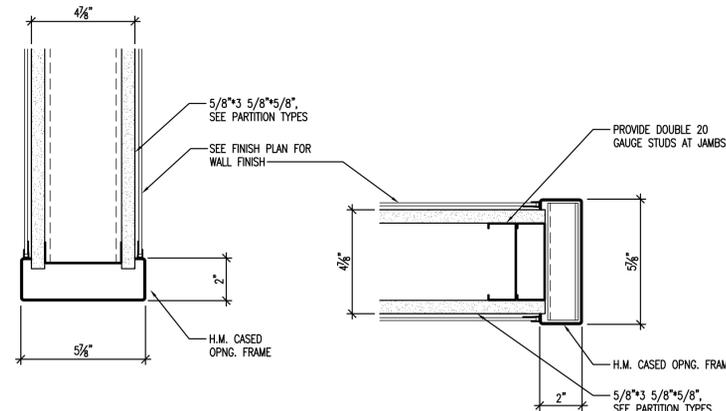
F11 DOOR JAMB
3" = 1'-0"



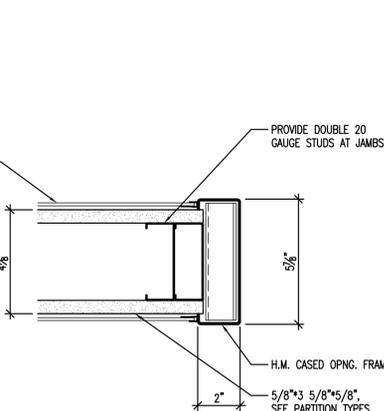
F1 DOOR HEAD
3" = 1'-0"



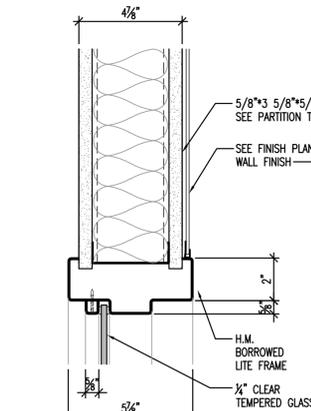
F2 DOOR JAMB
3" = 1'-0"



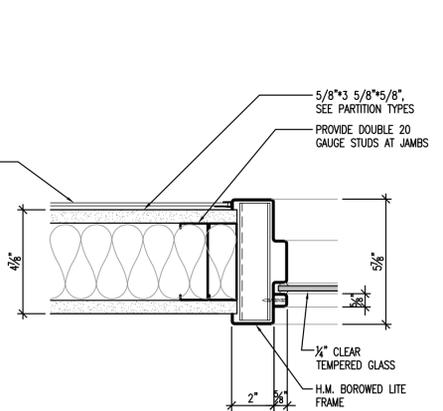
F3 CASED OPNG. HEAD
3" = 1'-0"



F4 CASED OPNG. JAMB
3" = 1'-0"



F5 BORROWED LITE HEAD/SILL
3" = 1'-0"



F6 BORROWED LITE JAMB
3" = 1'-0"

DOOR SCHEDULE

DOOR NUMBER	DOOR									FRAME						THRESHOLD	FIRE RATING	HARDWARE SET	REMARKS
	FROM	TO	STYLE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	STYLE	FRAME DEPTH	HEAD	L. JAMB	R. JAMB	MATERIAL	FINISH				
1	15	1	A	3'-0"	7'-0"	1 3/4"	H.M.	PAINT	1	5 7/8"	F1	F2	F2	H.M.	PAINT	#1	ADA LEVER HANDLE		
2	15	2	A	3'-0"	7'-0"	1 3/4"	H.M.	PAINT	1	5 7/8"	F10	F11	F11	H.M.	PAINT	#2	ADA LEVER HANDLE		
3	4	3	-	3'-0"	7'-0"	-	-	-	1	5 7/8"	F3	F4	F4	H.M.	PAINT	-	CASED OPENING FRAME		
4	4	15	A	3'-0"	7'-0"	1 3/4"	H.M.	PAINT	1	5 7/8"	F1	F2	F2	H.M.	PAINT	#3	ADA LEVER HANDLE		
5	5	4	A	3'-0"	7'-0"	1 3/4"	H.M.	PAINT	1	5 7/8"	F1	F2	F2	H.M.	PAINT	#4	PRIVACY LOCK, ADA LEVER HANDLE		
6	15	12	B	PAIR 3'-0"	7'-0"	1 3/4"	H.M.	PAINT	2	5 7/8"	F1	F2	F2	H.M.	PAINT	45 MIN.	ADA LEVER HANDLE		
7	12	12	B	PAIR 2'-9 1/2"	7'-0"	1 3/4"	H.M.	PAINT	2	5 7/8"	F1	F7	F7	H.M.	PAINT	-	EXISTING WALL ANCHORS		
8	15	15	-	3'-8"	7'-0"	-	-	-	2	9 1/4"	F8	F9	F9	H.M.	PAINT	-	CASED OPENING FRAME		
9	15	15	-	4'-0"	7'-0"	-	-	-	2	9 1/4"	F8	F9	F9	H.M.	PAINT	-	CASED OPENING FRAME		
10	15	CAFE.	C	4'-8"	7'-2"	1/2"	ALUM.	ANOD.	-	-	A/A-620	2/A-620	1/A-620	ALUM.	ANOD.	7	COILING SHUTTER		
11	15	CAFE.	C	15'-4"	4'-4"	1/2"	ALUM.	ANOD.	-	-	B/A-620	3/A-620	2/A-620	ALUM.	ANOD.	7	COILING SHUTTER		
12	15	CAFE.	C	3'-4"	4'-4"	1/2"	ALUM.	ANOD.	-	-	B/A-620	4/A-620	3/A-620	ALUM.	ANOD.	7	COILING SHUTTER		
13	10A	10	D	3'-0"	7'-0"	1 1/4"	STL.	PWDR. CT.	-	-	-	-	-	STL.	PWDR. CT.	7	WIRE MESH PARTITION DOOR; PROVIDE ADA LEVER HANDLE ON PUSH-SIDE.		

HARDWARE SETS GLASTONBURY HIGH SCHOOL REQUIRES CORBIN RUSSWIN HARDWARE, KEYWAY N-23

SET #1	SET #2	SET #3	SET #4	SET #5	SET #6
3 BUTT HINGE 1 STOREROOM LOCKSET 1 ARMOR PLATE 1 WALL BUMPER 3 SILENCER	TA2314 46" x 4" ML2051-NSM K1050 34" x 34" 409 608	US260 CORBIN RUSSWIN US320 ROCKWOOD US320 ROCKWOOD GRAY ROCKWOOD	3 BUTT HINGE 1 PASSAGE SET 2 KICK PLATE 1 WALL BUMPER 3 SILENCER	TA2314 46" x 4" ML2010-NSM K1050 8" x 34" 409 608	US260 CORBIN RUSSWIN US320 ROCKWOOD US320 ROCKWOOD GRAY ROCKWOOD
3 BUTT HINGE 1 OFFICE LOCKSET 1 KICK PLATE 1 WALL BUMPER 3 SILENCER	TA2314 46" x 4" ML2051-NSM K1050 34" x 34" 409 608	US260 CORBIN RUSSWIN US320 ROCKWOOD US320 ROCKWOOD GRAY ROCKWOOD	3 BUTT HINGE 1 PRIVACY LOCKSET 1 CLOSER 1 KICK PLATE 1 WALL BUMPER 3 SILENCER	TA2314 46" x 4" ML2030-NSM DC6000 SERIES K1050 8" x 34" 409 608	US260 CORBIN RUSSWIN US260 CORBIN RUSSWIN US320 ROCKWOOD US320 ROCKWOOD GRAY ROCKWOOD
6 BUTT HINGE 2 VERT. ROD EXIT DEVICE 2 CLOSER 2 ELECTROMAG. HOLDER 2 ARMOR PLATE 2 SILENCERS	TA2314 46" x 4" E25470B-MS-NS5 DC6000 SERIES 998M K1050 34" x 34" 608	US260 CORBIN RUSSWIN US260 CORBIN RUSSWIN 689 ROKSON US320 ROCKWOOD GRAY ROCKWOOD	WIRING AND CONNECTIONS BY DIVISION 26. OPERATIONAL DESCRIPTION: DOORS TO BE HELD OPEN BY MAGNETIC HOLDERS. MAGNETIC HOLDERS TO BE CONNECTED TO BUILDING'S FIRE/SMOKE ALARM SYSTEM AND TO RELEASE IMMEDIATELY UPON ACTIVATION.	6 SWING-CLEAR HINGE 2 VERT. ROD EXIT DEVICE 2 CLOSER 2 KICK PLATE 2 WALL BUMPER 2 SILENCERS	TA2395 46" E25470-MS-NS10 DC6000 SERIES K1050 8" x 34" 409 608

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(860) 667-3233
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Structural Engineer



Morrissey Engineering, LLC

58 Essex Street, Deep River, CT06417
phone 860-532-0312

Civil Engineer



300 Winding Brook Drive
Glastonbury, CT 06033
860-652-8227

Revisions

1	Addendum #2	2/27/20
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Issue Record

Seal

FINAL CONSTRUCTION DOCUMENTS

Drawing Information

Date March 29, 2019

Job Number 146.01.002

Scale AS NOTED

Drawn RK

Checked GE

Drawing Name

DOOR SCHEDULE AND DETAILS

Drawing Number

A-800