

## ADDENDUM NUMBER THREE

January 21, 2022

System Operations Center  
Henderson Water Utility  
Henderson, Kentucky

(Solicitation Number: 2022-01)



---

The Contract Documents are modified as follows:

### GENERAL

#### Note:

- 1.) No permanent fencing is to be included in this Bid. The Owner will solicit a Fencing Bid Package at a later date. This includes both interior and exterior fencing shown. Any “temporary security fencing” shown is required as part of this Bid.
- 2.) No building or interior signage is included in this Bid. The Owner will solicit a Building Signage Package at a later date. A project “Job Sign” is required as part of this Bid.

### SPECIFICATIONS:

---

#### **Addendum 03 – Item 01:**

#### **Division 00 – Bidding and Contract Requirements**

##### A. Section 004020 – SUPPLEMENT TO BID FORM

1. Use the attached form to provide the information requested within 24 hours after Notification by the Owner. (See attached Supplement to Bid Form)

**Addendum 03 – Item 02:**  
**Division 01 – Bidding and Contract Requirements**

A. Section 01000 - SUMMARY

1.3 WORK COVERED BY CONTRACT DOCUMENTS

A. This paragraph should read:

(BASE BID)

The renovation of an existing pre-engineered metal building into administrative offices, vehicle storage areas, field crew areas, and inventory storage areas. All site work and paving are included in the scope of this portion of the project.

(ALTERNATE NO. 1) (3-Bay Vehicle Shop)

The construction of a new pre-engineered metal building as per the construction documents.

(ALTERNATE NO. 2) (6-Bay Covered Storage Facility)

The construction of a new pre-engineered metal building as per the construction documents.

(ALTERNATE NO. 3) (4-Bay Covered Storage Facility)

The construction of a new pre-engineered metal building as per the construction documents.

1.4 SALES TAX

B. This paragraph should read:

Since the Owner is tax exempt, it is HWU's intention to pay the supplier, as submitted by the Bidder, directly for the following materials. Therefore, HWU is requiring the Bidders to provide the direct cost of the items listed below, not including the sales tax. The Bidder will be required to submit these costs within "24 Hours of Notification of the Owner".

- 1.) Pre-engineered Metal Building (3-Bay Vehicle Shop)
- 2.) 3 new Overhead Doors for the (3-Bay Vehicle Shop)
- 3.) Pre-engineered Metal Building (6-Bay Storage Facility)
- 4.) Pre-engineered Metal Building (4-Bay Storage Facility)
- 5.) Four new Overhead Doors for the (Main Building)

These costs item are to be included on Document 004020 – Supplement to Bid Forms:  
(Cost Breakdown)

B. Section 012100 - ALLOWANCES

3.3 SCHEDULE OF ALLOWANCES

A. Unit-Cost Allowance:

No. 1 to read:

- Carpet Square Flooring ALLOWANCE OF \$50.00 per sq. yd.

**Addendum 03 – Item 03:**

**Division 08 – OPENINGS**

A. Section 081213 – HOLLOW METAL FRAMES

2.3 INTERIOR FRAMES

A.

2. Materials: minimum thickness of 0.053 inch 16 ga.
3. Construction: “Full Face Welded” is acceptable.

2.4 EXTERIOR HOLLOW-METAL FRAMES

A.

3. Construction: “Full Face Welded” is acceptable.

B. Section 081416 – FLUSH WOOD DOORS

- See attached specification for wood doors.

C. Section 087100 – DOOR HARDWARE

2.04 EXIT DEVICES

- B. Hager is an acceptable manufacturer.

2.06 DOOR CLOSURES

- B. Hager is an acceptable manufacturer.

2.16 HARDWARE FINISHES

- E.3. Exit Devices to be a “630” finish in lieu of 689.

**Addendum 03 – Item 04:**  
**Division 13 – Special Construction**

A. Section 133419 – METAL BUILDING SYSTEMS

2.3 STRUCTURAL-STEEL FRAMING

E. Finish:

(All New Pre-Engineered Metal Buildings)

- a. Primary Framing on building to be Factory Primed: “Gray”
- b. Secondary Framing on building to be “Galvanized:
- c. Provide 20 ga. galvanized poultry netting with a 2” hexagonal mesh weave between roof insulation and metal roof purlins.

2.5 METAL WALL PANELS

A.

1. a. Exterior Finish: Standard Two (2) coat Kynar finish is acceptable in lieu of three (3) coat Kynar.

**DRAWINGS:**

---

**Addendum 03 – Item 05:**

**Drawings – Sheet A1.3 HEADQUARTERS Bldg. Enlarged West Side Floor Plan  
& MEZZANINE PLAN**

**Base Bid Enlarged Floor Plan**

- A. Furnish and install new HMF Window Type “C” in room 148 at shown.  
(see attached drawing: Headquarters’ Building Revised Window Plan)

**Addendum 03 – Item 06:**

**Drawings – Sheet A1.4 VEHICLE SHOP FLOOR PLAN  
Sheet A3.2 3-BAY VEHICLE SHOP EXTERIOR ELEVATIONS**

- A. Furnish and install three (3) 12’ tall x 14’ wide overhead sectional garage doors with all associated hardware and automatic openers.  
(see specification Section 083613 – SECTIONAL DOORS)

**Addendum 03 – Item 07:**

**Drawings – Sheet A3.3 & A3.4 COVERED STORAGE EXTERIOR ELEVATIONS**

- A. The end wall elevations shown are typical for both end walls of the respective buildings.

**Addendum 03 – Item 08:**

**Drawings – Sheet A4.2 INTERIOR ELEVATIONS**

- A. See attached casework elevations deleting cabinets to provide locations for Owner supplied appliances. (see attached drawing: Revised Casework Elevations)

**Addendum 03 – Item 09:**

**Drawings – Sheet A6.1 FINISH SCHEDULES**

**Window Elevations**

- A. Window type “B” & “C” to be Hollow Metal Frame as shown in lieu of Aluminum. (see attached drawing: Revised Window Elevations)

**Door Elevations**

- B. Door type “D5” to be as manufactured by “DEANSTEEL MANUFACTURING COMPANY” or equal.
  - Doors No. 143 & 147 (inswing) to be model FEMA 320
  - Doors No. 146 & 148 (outswing) to be model FEMA 361

**Room Finish Schedule**

- C. Room Finish Schedule Index
  - B1 to read “Carpet Tile” in lieu of Carpet.
  - B2 to read “Porcelain Tile” in lieu of Ceramic Tile

**Addendum 03 – Item 10:**

**Drawings – MECHANICAL**

**PLUMBING**

- 1.) Water lines indicated on Sheet P2.09 for the 6-Bay and 4-Bay Covered Storage Facilities are to be run underground and protected from freezing.

**HVAC**

- 1.) 200 MBH is specified for infrared heaters
- 2.) Motorized Control Dampers “are required” to interlock with fan operation.
- 3.) Manual Balancing Dampers “are required” in the Outside Air Ducts for balancing.

**ELECTRICAL**

- 1.) Contractor to provide and install Two (2) – 1” dia. buried conduits from IT Room 201 to each “Vehicle Gate” location.  
(See Civil Drawings for gate locations)

- 2.) Contractor to provide and install One (1) – 2” dia. buried conduit from IT Room 201 to the Vehicle Shop and One (1) – 2” dia. conduit from IT Room 201 to the 6-Bay Storage Facility for Owner supplied and installed fiber cable.

**Note: Additional Addendum will be issued.**

**END OF ADDENDUM NO. 3**

ADDENDUM NUMBER THREE

00901-6

SECTION 004020 – SUPPLEMENT TO BID FORM

**(To be provided within 24 hours after notification by owner)**

To:       **HENDERSON WATER UTILITY**

Project:   **System Operations Center**  
              1383 Commonwealth Drive  
              Henderson, KY 42420

Date:       \_\_\_\_\_

Submitted by:  
(full name)  
(full address)

In accordance with Document 003000 – Form of Proposal, we include the Supplements to Bid Forms Appendices listed below. The information provided shall be considered an integral part of the respective Bid Form.

These Appendices are as follows:

Cost Breakdown: Include all portions of the Work as indicated by the Table of Contents of the Specifications

**SUPPLEMENTS TO BID FORM SIGNATURE(S)**

(Bidder - please print the full name of your Proprietorship,  
Partnership, or Corporation)

(Authorized signing officer                      Title)

SECTION 004020 – SUPPLEMENT TO BID FORM

**APPENDIX C - COST BREAKDOWN**

Bidder to provide information requested in the following format.

**SCHEDULE OF VALUES**

- A. Format and Content: Use Project Manual table of contents as a guide to establish line items for the schedule of values. Provide at least one line item for each Specification Section.
  - 1. Arrange schedule of values consistent with format of AIA Document G703.
  - 2. Provide a breakdown of the Contract Sum in enough detail to facilitate continued evaluation. Coordinate with Project Manual table of contents. Provide multiple line items for principal subcontract amounts in excess of five (5) percent of the Contract Sum.
  - 3. Round amounts to nearest whole dollar; total shall equal the Contract Sum.
  - 4. Provide a separate line item in the schedule of values for each part of the Work.
  - 5. Allowances: Provide a separate line item in the schedule of values for each allowance.
  - 6. Each item in the schedule of values and Applications for Payment shall be complete. Include total cost and proportionate share of general overhead and profit for each item.
    - a. Temporary facilities and other major cost items that are not direct cost of actual work-in-place may be shown either as separate line items in the schedule of values or distributed as general overhead expense, at Contractor's option.

Also to be shown are the following:

Since the Owner is tax exempt, it is HWU’s intention to pay the supplier, as submitted by the Bidder, directly for the following materials. Provide the direct cost of the items listed below, **not including the sales tax.**

- 1.) Pre-Engineered Metal Building (3-Bay Vehicle Shop) ..... \$ \_\_\_\_\_
- 2.) 3 new Overhead Doors for the (3-Bay Vehicle Shop) ..... \$ \_\_\_\_\_
- 3.) Pre-Engineered Metal Building (6-Bay Storage Facility) ..... \$ \_\_\_\_\_
- 4.) Pre-Engineered Metal Building (4-Bay Storage Facility) ..... \$ \_\_\_\_\_
- 5.) Four new Overhead Doors for the (Main Building) ..... \$ \_\_\_\_\_

**END OF SECTION 004020**



## SECTION 081416 – FLUSH WOOD DOORS

### PART 1 - GENERAL

#### 1.1 SUMMARY

##### A. Section Includes:

1. Solid-core doors with wood-veneer faces.
2. Factory finishing flush wood doors.
3. Factory fitting flush wood doors to frames and factory machining for hardware.

##### B. Related Requirements:

1. Section 088000 "Glazing" for glass view panels in flush wood doors.

#### 1.2 ACTION SUBMITTALS

##### A. Product Data: For each type of door. Include factory-finishing specifications.

##### B. Shop Drawings: Indicate location, size, and hand of each door; elevation of each kind of door; construction details not covered in Product Data; and the following:

1. Dimensions and locations of blocking.
2. Dimensions and locations of mortises and holes for hardware.
3. Dimensions and locations of cutouts.
4. Undercuts.
5. Requirements for veneer matching.
6. Doors to be factory finished and finish requirements.
7. Fire-protection ratings for fire-rated doors.

##### C. Samples: For factory-finished doors.

#### 1.3 INFORMATIONAL SUBMITTALS

##### A. Quality Standard Compliance Certificates: AWI Quality Certification Program certificates.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

##### A. Manufacturers: Subject to compliance with requirements provide products by one of the following:

1. Algoma Hardwoods, Inc.
2. Chappell Door Co.

## SECTION 081416 – FLUSH WOOD DOORS

3. Graham Wood Doors; an Assa Abloy Group company.
4. Marshfield Door Systems, Inc.
5. Mohawk Doors; a Masonite company.
6. Oshkosh Door Company.
7. VT Industries, Inc.

### 2.2 FLUSH WOOD DOORS, GENERAL

- A. Quality Standard: In addition to requirements specified, comply with AWI's, AWMAC's, and WI's "Architectural Woodwork Standards."
1. Provide AWI Quality Certification Labels indicating that doors comply with requirements of grades specified.
- B. WDMA I.S.1-A Performance Grade:
1. Heavy Duty unless otherwise indicated.
  2. Extra Heavy Duty: Classrooms public toilets, janitor's closets, assembly spaces, exits, patient rooms, and where indicated.
  3. Standard Duty: Closets (not including janitor's closets), private toilets and where indicated.
- C. Fire-Rated Wood Doors: Doors complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252.
1. Cores: Provide core specified or mineral core as needed to provide fire-protection rating indicated.
  2. Edge Construction: Provide edge construction with intumescent seals concealed by outer stile. Comply with specified requirements for exposed edges.
  3. Pairs: Provide fire-retardant stiles that are listed and labeled for applications indicated without formed-steel edges and astragals. Provide stiles with concealed intumescent seals. Comply with specified requirements for exposed edges.
- D. Smoke- and Draft-Control Door Assemblies: Listed and labeled for smoke and draft control, based on testing according to UL 1784.

### 2.3 VENEER-FACED DOORS FOR TRANSPARENT FINISH

- A. Interior Solid-Core Doors:
1. Grade: Premium, with Grade A faces.
  2. Species: Red oak.
  3. Cut: Plain sliced (flat sliced).
  4. Match between Veneer Leaves: Book.
  5. Assembly of Veneer Leaves on Door Faces: Balance match.

## SECTION 081416 – FLUSH WOOD DOORS

6. Pair and Set Match: Provide for doors hung in same opening or separated only by mullions.
7. Core: Particleboard.
8. Construction: Seven plies.

### 2.4 LIGHT FRAMES AND LOUVERS

- A. Metal Frames for Light Openings in Fire-Rated Doors: Manufacturer's standard frame formed of 0.048-inch- (1.2-mm-) thick, cold-rolled steel sheet; with baked-enamel- or powder-coated finish; and approved for use in doors of fire-protection rating indicated.

### 2.5 FABRICATION

- A. Factory fit doors to suit frame-opening sizes indicated. Comply with clearance requirements of referenced quality standard for fitting unless otherwise indicated.
  1. Comply with NFPA 80 requirements for fire-rated doors.
- B. Factory machine doors for hardware that is not surface applied.
- C. Openings: Factory cut and trim openings through doors.
  1. Light Openings: Trim openings with moldings of material and profile indicated.
  2. Glazing: Factory install glazing in doors indicated to be factory finished. Comply with applicable requirements in Section 088000 "Glazing."

### 2.6 FACTORY FINISHING

- A. General: Comply with referenced quality standard for factory finishing. Complete fabrication, including fitting doors for openings and machining for hardware that is not surface applied, before finishing.
  1. Finish faces, all four edges, edges of cutouts, and mortises. Stains and fillers may be omitted on bottom edges, edges of cutouts, and mortises.
- B. Factory finish doors that are indicated to receive transparent finish.
- C. Transparent Finish:
  1. Grade: Premium.
  2. Finish: AWI's, AWMAC's, and WI's "Architectural Woodwork Standards System 11, catalyzed polyurethane.
  3. Staining: As selected by Architect from manufacturer's full range.
  4. Effect: Open-grain finish.
  5. Sheen: Satin.

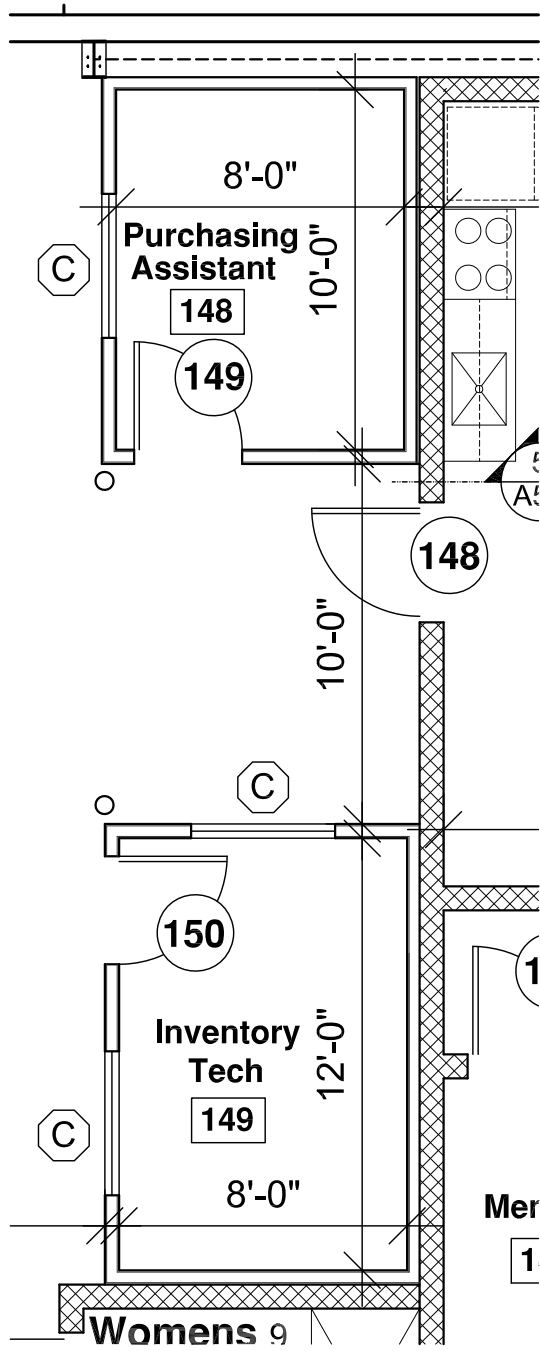
## SECTION 081416 – FLUSH WOOD DOORS

### PART 3 - EXECUTION

#### 3.1 INSTALLATION

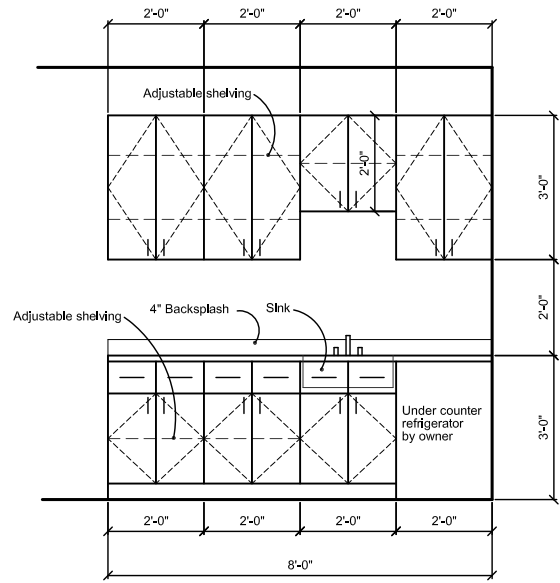
- A. Hardware: For installation, see Section 087100 "Door Hardware."
- B. Installation Instructions: Install doors to comply with manufacturer's written instructions and referenced quality standard, and as indicated.
  - 1. Install fire-rated doors according to NFPA 80.
  - 2. Install smoke- and draft-control doors according to NFPA 105.
- C. Job-Fitted Doors: Align and fit doors in frames with uniform clearances and bevels as indicated below; do not trim stiles and rails in excess of limits set by manufacturer or permitted for fire-rated doors. Machine doors for hardware. Seal edges of doors, edges of cutouts, and mortises after fitting and machining.
  - 1. Clearances: Provide 1/8 inch (3.2 mm) at heads, jambs, and between pairs of doors. Provide 1/8 inch (3.2 mm) from bottom of door to top of decorative floor finish or covering unless otherwise indicated. Where threshold is shown or scheduled, provide 1/4 inch (6.4 mm) from bottom of door to top of threshold unless otherwise indicated.
    - a. Comply with NFPA 80 for fire-rated doors.
- D. Factory-Fitted Doors: Align in frames for uniform clearance at each edge.
- E. Factory-Finished Doors: Restore finish before installation if fitting or machining is required at Project site.

**END OF SECTION 081416**

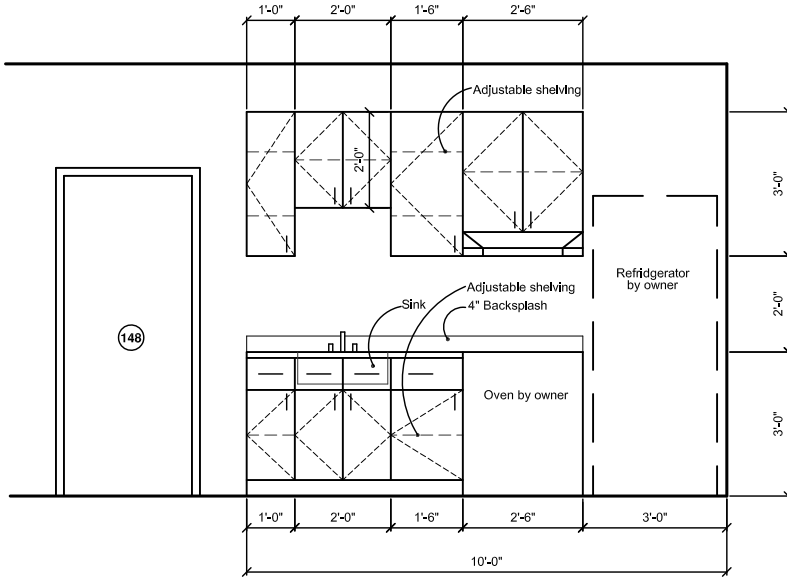


# Headquarter's Building Revised Window Plan

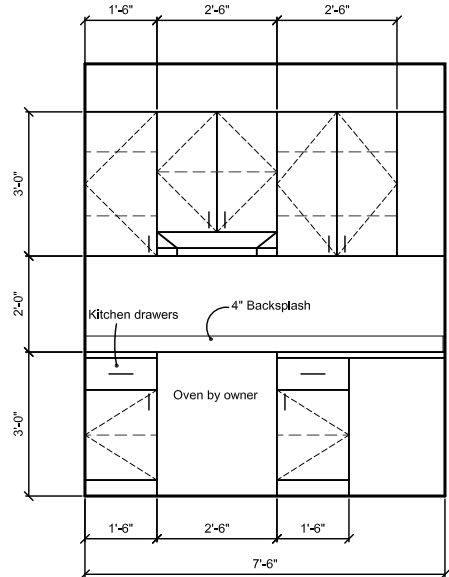
Rooms 148 and 149



6 Interior Elevation  
Room 101

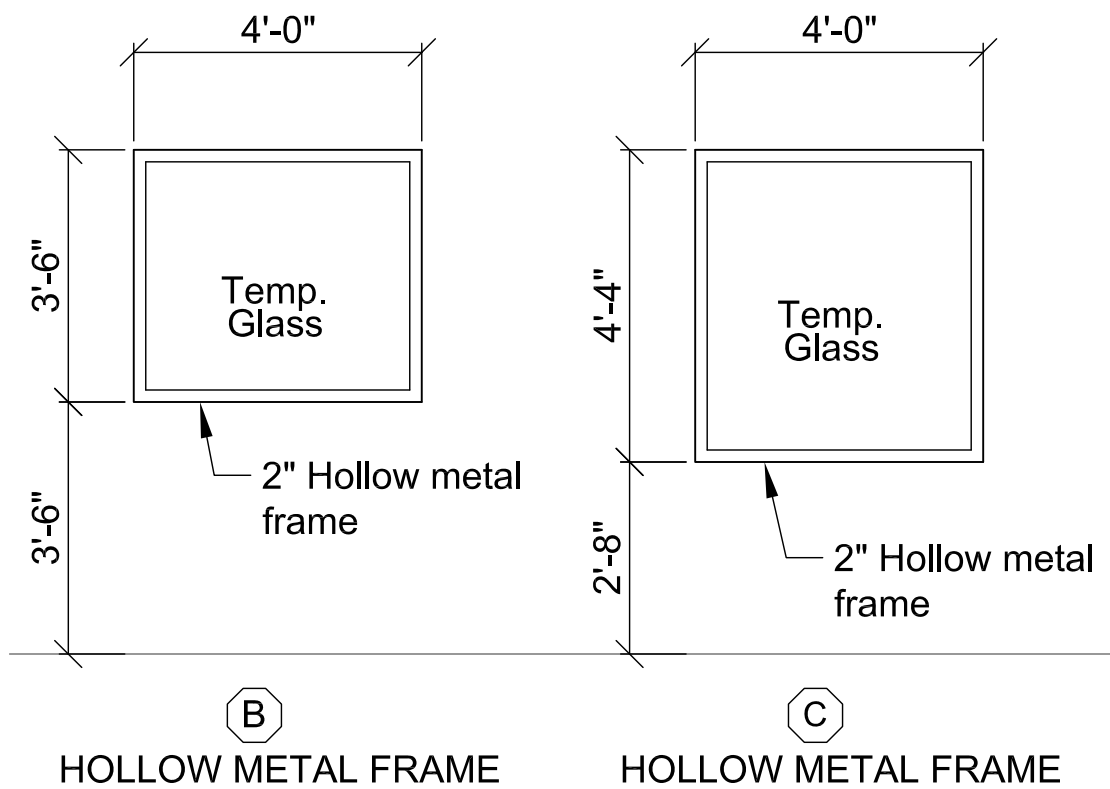


4 Interior Elevation  
Room 147



3 Interior Elevation  
Room 128

# Revised Casework Elevations



## Revised Window Elevations

---