

ADDENDUM NUMBER 1

TRANSIT DOOR REPAIRS

Bid # 460-380A

March 19, 2021

Please make note of all changes listed
on the attached document.

**Please be sure to acknowledge all Addenda on
Page BF-1 of the Bid Form**

TRANSIT DOOR REPAIRS
PROJECT NO. 21-008; CIP No. 460-380A
ADDENDUM No. 1
March 12, 2021

This Addendum Number 1 consists of the following and shall become a part of the contract documents for this project and shall be included in the bid documents. Bidder must acknowledge this Addendum in the Bid Form.

1. Addition to the Technical Specifications
 - A. Section 7: Technical Specifications

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1. Section 7: Technical Specifications
 - A. Addition to Technical Specifications
 - 1) The attached Door Hardware Specification for the Transit Door Repairs project is hereby added to the current specifications in Section 7: Technical Specifications.



Reed Schwartzkopf
City Engineer

3-18-21
Date

SECTION 08710

DOOR HARDWARE

PART 1 - GENERAL

1 .01 SUMMARY

A. Section Includes:

1. Door hardware.
2. Thresholds.
3. Weatherstripping.
4. Related accessories.

B. Products Specified But Not Installed Under This Section.

1. Furnish templates to Section 08110 and 08211 for preparation of doors and frames.
2. Furnish cylinders to Section 08120 for aluminum doors.

C. Related Sections:

1. Section 08110 - Steel Doors and Frames.
2. Section 08120 - Aluminum Doors and Frames.
3. Section 08211 - Flush Wood Doors.
4. Division 16 - Electrical.

D. Alternates: Refer to Section 01030 for description of alternates affecting items specified under this Section.

1 .02 REFERENCES

A. American National Standards Institute (ANSI):

1. ANSI/BHMA A156.1-1988: Butts and Hinges.
2. ANSI/BHMA A156.3-1994: Exit Devices.
3. ANSI/BHMA A156.4-1992: Door Controls-Closers.
4. ANSI/BHMA A156.5-1992: Auxiliary Locks and Associated Products.
5. ANSI/BHMA A156.6-1994: Architectural Door Trim.
6. ANSI/BHMA A156.7-1988: Template Hinge Dimensions.
7. ANSI/BHMA A156.8-1994: Door Controls - Overhead Holders.
8. ANSI/BHMA A156.13-1994: Mortise Locks and Latches, Series 1000.
9. ANSI/BHMA A156.16-1989: Auxiliary Hardware.
10. ANSI/BHMA A156.18-1993: Materials and Finishes.
11. ANSI/BHMA A156.21-1989: Thresholds
12. ANSI/DHI A15 and A15-W Series: Door and Frame Preparation.
13. ANSI/DHI A115.1G-1994: Installation Guide for Doors and Hardware.

B. Door and Hardware Institute (DHI):

1. DHI Keying Terminology, 1989 Edition.
 2. DHI Sequence and Format for the Hardware Schedule, 1993.
- C. Underwriters Laboratories, Inc. (UL):
1. UL 437, 1994: Key Locks.

1.03 SUBMITTALS

- A. Submit in accordance with Section 01300 unless otherwise indicated.
- B. Product Data: Manufacturer's specifications and technical data including the following.
1. Hardware schedule:
 - a. List doors in order of door numbers indicate on Drawings.
 - b. Completely list door characteristics and hardware requirements.
 - c. Indicate locations and mounting heights of each type of hardware.
 2. Manufacturer's catalog cut sheets on each item of hardware.
 - d. Annotate manufacturer's model numbering systems to explain meaning.
 - e. Clearly and explicitly demonstrate compliance with specified requirements.
 3. Keying schedule:
 - f. Schedule meeting with Owner and Architectural Hardware Consultant within 30 days after Notice to Proceed to establish keying schedule.
 - g. Submit final keying schedule for Owner's approval within 10 days of meeting.
- C. Wiring Diagrams: Include complete wiring diagrams indicating all component parts, disconnect switches, conduit, and voltage requirements provided under other Sections, and required to operate assembly.
- D. Samples: If requested by Architect.
- E. Contract Closeout Submittals: Submit in accordance with Section 01700.
1. Operation and maintenance data.
 - a. Include data on operating hardware, parts list, lubrication requirements, and inspection procedures related to preventative maintenance.
 2. Special warranties.
 3. Certificates:
 - a. Signed by Owner indicating Owner's receipt of keys, permanent cores, and maintenance tools.
 4. Field Quality Control submittals as specified in PART 3 of this Section.

1.04 QUALITY ASSURANCE

- A. Manufacturer's Qualifications: Not less than 5 years experience in the actual production of specified products.
- B. Hardware Supplier: Employ Architectural Hardware Consultant (AHC) to schedule and coordinate hardware, and to assist Owner in establishing keying schedule.
- C. Installer's Qualifications: Firm experienced in installation of systems similar in complexity to those required for this Project, plus the following.
 - 1. Not less than 3 years experience with systems.
 - 2. Successfully completed not less than 5 comparable scale projects using this system.
- D. Regulatory Requirements:
 - 1. Comply with United States Americans With Disabilities Act (ADA) for mounting heights of hardware.
 - 2. Products requiring electrical connections: Provide products listed and classified by Underwriters Laboratories, Inc. as suitable for purpose specified.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Packing and Shipping: Deliver products in original unopened packaging with legible manufacturer's identification.
 - 1. Package hardware items individually.
 - 2. Label and identify package with door opening number to match Hardware schedule.
 - 3. Deliver keys to Owner by security shipment direct from hardware supplier.
- B. Storage and Protection: Comply with manufacturer's recommendations.

1.06 SPECIAL WARRANTIES

A. Manufacturer shall warranty installed system for a period of 10 years from the Date of Substantial Completion against all of the conditions indicated below. When notified in writing from the Owner, manufacturer shall promptly, and without inconvenience and cost to the Owner, correct said deficiencies in accordance with the requirements of the General Conditions of the Contract for Construction, Paragraph 13.2.2.

- 1. Failure of door closers.

1.07 MAINTENANCE

- A. Materials:
 - 1. Provide special wrenches and tools applicable to each different or special hardware component.

2. Provide maintenance tools and accessories supplied by hardware component manufacturer.

PART 2 - PRODUCTS

2.01 HINGES

A. Standard Weight Hinges, Wrought Steel: ANSI/BHMA A156.1, A8112, Grade 2; ball bearing; square corner; button tip.

1. Acceptable manufacturers and product:
 - a. Stanley Hardware: FBB179.
 - b. Hager Hinge Co.: BB1279.
 - c. McKinney, Essex Industries Inc.: TB2714.
 - d. Substitutions: Comply with Section 01630.

B. Continuous Hinges: Full mortise gear type aluminum hinge, with 27 bearings per 83 inch length.

1. Load capacity: 540 pounds.
2. Finish: Dark bronze anodized.
3. Provide UL or WH listed hinges for fire rated doors and frames.
4. Acceptable manufacturers and product.
 - a. Hager Hinge co.: Roton 780-224-HD.
 - b. Pemko Manufacturing Co.: DFM-HD.
 - c. Select Products Limited: SL-24HD
 - d. Substitutions: Comply with Section 01630.

2.02 LOCKSETS AND LATCHSETS

A. Heavy Duty Mortise Locks: ANSI/BHMA A156.13, Series 1000, Grade 1.

1. Function: ANSI/BHMA function as specified in PART 3 of this Section.
2. Lever: ADA approved design.
3. Acceptable manufacturers and product:
 - a. Corbin Russwin Architectural Hardware Division, Emhart Hardware: ML2200 Series. 1) Trim: Princeton PSR; cast lever, cast escutcheon.
 - b. Sargent Manufacturing Company Division, Essex Industries, Inc.: 8200 Line. 1) Trim: LEI, cast lever, cast escutcheon.
 - c. Schlage Lock Co.: L Series.
 - 1) Trim: 17-L, cast lever, cast escutcheon.
 - d. Yale Security Inc.: 8700 Series.

- 1) Trim: PBE, cast lever, cast escutcheon.
- e. Substitutions: Comply with Section 01630.

2.03 ELECTRIC LOCKS AND CONTROLS

- A. Electric Strikes. ANSI/BHMA A156.5, Grade 1.
 1. Function: Fail-secure, designed for use with mortise locksets.
 2. Acceptable manufacturers and products:
 - a. Folger Adam Company: 310-2 3/4.
 - b. Comparable products of the following manufacturers:
 - 1) Locknetics Security Engineering. 2) Von Duprin, Inc.
 - c. Substitutions: Comply with Section 01630.
- B. Interior Card Reader.
 1. User cards: 10 each.
 2. System cards: 10 each.
 3. Acceptable manufacturers and products:
 - a. Detex Corporation: DS1916Fx with PP-5152-3 transformer.
 - b. Substitutions: Comply with Section 01630.
- C. Exterior Card Reader:
 1. User cards: 10 each.
 2. System cards: 10 each.
 3. Acceptable manufacturers and products:
 - a. Detex Corporation: DS1950Fx with PP-5152-3 transformer.
 - b. Substitutions: Comply with Section 01630.

2.04 CYLINDERS

- A. Cylinders: Lockset manufacturer's standard interchangeable core cylinders.
 1. Provide construction cores for use during construction.

2.05 FLUSHBOLTS

- A. Automatic Flushbolts for Metal Doors: ANSI A1 56.3, Type 25.
 1. Acceptable manufacturers and products:

- a. Glynn-Johnson: FB7.
- b. Rockwood Manufacturing Company: No. 1842.
- c. Comparable products of other manufacturers.

2.06 PUSH/PULLS

A. Push Plate: ANSI/BHMA A156.6, J304; 8 inch wide by 16 inch high by 0.125 inch thick; beveled 4 sides.

1. Acceptable manufacturers and products:

- a. Rockwood Manufacturing Company: No. 73F.
- b. Comparable products of other manufacturers.

B. Pull Plate: ANSI/BHMA A156.6, J405; 1 inch diameter straight pull, 8 inch center to center; 4 inch by 16 inch by 0.125 inch thick wrought plate, beveled 4 sides.

1. Acceptable manufacturers and products:

- a. Burns Manufacturing Incorporated: Number 110 x 73C.
- b. Comparable products of other manufacturers.

2.07 CLOSERS

A. Surface Mounted Closers: ANSI/BHMA A156.4, Grade 1.

1. Function: As specified in PART 3 of this Section.

- a. Provide closer with stop for doors where wall stop application is not suitable.
- b. Provide closers with advanced variable backcheck.

2. Acceptable manufacturers and product:

- a. LCN Closers: Product as specified in PART 3 of this Section.
- b. Norton Door Controls: Series 7500 with function comparable to Products specified in PART 3 of this Section.
- c. Substitutions: Comply with Section 01630.

2.08 DOOR TRIM AND ADDITIONAL HARDWARE

A. Kickplates: ANSI/BHMA A156.6, J102•, 0.050 inch thick; beveled 3 sides.

B. Door Stops:

1. General: Provide wall stop for each door as specified unless wall stop is not suitable for application.
 - a. For doors without closers which would strike a fixed object other than walls, such as cabinets, provide overhead stop.
 2. wall stops: ANSI/ÉHMA A156.16, L02101.
 3. Surfaced mounted overhead stops: ANSI/BHMA AI 56.8, C05541.
 - a. Acceptable manufacturers and product:
 - 1) Glynn-Johnson: GJ 454S.
 - 2) Comparable products of other manufacturers.
- C. Lock Astragal: 6 irtch high by 1-9/16 inch wide 13 gage stainless steel.
1. Acceptable manufacturers and products:
 - a. Triangle Brass Manufacturing Company: 5002.
 - b. Comparable products of other manufacturers.
- D. Door Silencers: ANSI/BHMA A156.16, L03011

2.09 THRESHOLDS AND WEATHERSTRIPPING

- A. Thresholds: ANSI/BHMA A156.21.
1. Acceptable manufacture and product:
 - a. Pemko: 170A.
 - b. Comparable products of the following manufacturers:
 - 1) Hager Hinge Company.
 - 2) National Guard Products, Inc.
 - 3) Reese Enterprises, Inc. 4) Zero International, Inc.
 - c. Substitutions: Comply with Section 01630.
- B. Gaskets:
1. Acceptable manufacture and product:
 - a. Pemko: S88D.
 - b. Comparable products of the following manufacturers:
 - 1) Hager Hinge Company.
 - 2) National Guard Products, Inc.

3) Reese Enterprises, Inc. 4) Zero International, Inc.

c. Substitutions: Comply with Section 01630.

C. Weatherstrip:

1. Acceptable manufacture and product:

a. Pemko: 316DV.

b. Comparable products of the following manufacturers:

1) Hager Hinge Company.

2) National Guard Products, Inc.

3) Reese Enterprises, Inc. 4) Zero International, Inc.

c. Substitutions: Comply with Section 01630.

D. Overlapping Astragals:

1. Acceptable manufacture and product:

a. Pemko: 357SC.

b. Comparable products of the following manufacturers:

1) Hager Hinge Company.

2) National Guard Products, Inc.

3) Reese Enterprises, Inc. 4) Zero International, Inc.

c. Substitutions: Comply with Section 01630.

E. Overhead Drip Cap:

1. Acceptable manufacture and product:

a. Pemko: 346D.

b. Comparable products of the following manufacturers:

1) Hager Hinge Company.

2) National Guard Products, Inc.

3) Reese Enterprises, Inc. 4) Zero International, Inc.

c. Substitutions: Comply with Section 01630.

F. Door Bottom Drip:

1. Acceptable manufacture and product:

a. Pemko: 345D.

- b. Comparable products of the following manufacturers: 1) Hager Hinge Company.
 - 2) National Guard Products, Inc.
 - 3) Reese Enterprises, Inc. 4) Zero International, Inc.
- c. Substitutions: Comply with Section 01630.

G. Door Sweep/Drip:

- 1. Acceptable manufacture and product:
 - a. Pemko. • 3452DV.
 - b. Comparable products of the following manufacturers:
 - 1) Hager Hinge Company.
 - 2) National Guard Products, Inc.
 - 3) Reese Enterprises, Inc. 4) Zero International, Inc.
 - c. Substitutions: Comply with Section 01630.

H. Door Sweep:

- 1. Acceptable manufacture and product:
 - a. Pemko: 315DN.
 - b. Comparable products of the following manufacturers:
 - 1) Hager Hinge Company.
 - 2) National Guard Products, Inc.
 - 3) Reese Enterprises, Inc. 4) Zero International, Inc.
 - c. Substitutions: Comply with Section 01630.

2.10 ACCESSORIES

A. Fasteners: Provide fasteners of proper type, size, material, and finish as required for installation of hardware.

- 1. Exposed screws: Phillips head type.

B. Key Cabinet: 20 gage sheet steel with continuous piano hinge door and plastic strips for key hook labelling.

- 1. Size: Size for Project keys plus 50 percent growth.
- 2. Lock: Master key to building system.
- 3. Finish: Baked enamel paint.

2.11 KEYING

- A. Key as directed by Architect, grand master keyed.
 - 1. Allow 300 percent expansion of keying system.
- B. Permanent keys and cores shall be stamped with the applicable key mark for identification, and with the phrase "Do Not Duplicate".
 - 1. Supply keys in the following quantities.
 - a. Each lock: 2.
 - b. Master key: 6.
 - c. Grand master key: 6.
- C. Label each key and matching hook in Key Cabinet with room name and number.
 - 1. Verify room name and number with Architect.
 - 2. Deliver master and grand master keys to Owner by registered mail.

2.12 FACTORY FINISH

- A. Finish as indicated in Schedule at end of this Section, in accordance with ANSI/BHMA A1 56.18.
 - 1. Hardware for aluminum doors to match finish of doors specified under Section 08120.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verification of Conditions: Examine areas and conditions under which Work is to be performed and identify conditions detrimental to proper and timely completion.
 - 1. Do not proceed until unsatisfactory conditions have been corrected.

3.02 INSTALLATION

- A. Comply with manufacturer's instructions, and the requirements of ANSI/DHI A1 15.1G, and BHMA.
 - 1. Install using templates provided by hardware item manufacturer.
- B. Install hardware after finishing of substrate has been completed.
- C. For wood doors, drill pilot holes and cut mortises using jig approved by manufacturer of hardware item.

- D. Install locksets so key enters cylinder with smooth edge of key down.
 - E. Mounting heights for hardware from finish floor to center of hardware item shall be in accordance with the reference standards listed in PART 1 of this Section.
 - F. Cut and fit thresholds to door frame profiles.
 - 1 Set in full bed of sealant.
 - G. Seal weather protection components, such as drip caps, astragals and sweeps, attached to exterior side of door and frame, in place with low modulus silicone rubber sealant.
 - H. Set hinges with a thin layer of low modulus silicone rubber sealant between hinge and door, and between hinge and frame.
- Install key cabinet at location directed by Owner.

3.03 FIELD QUALITY CONTROL

A. Inspections: Architectural Hardware Consultant shall inspect complete installation and certify that hardware and installation has been furnished and installed in accordance with hardware manufacturer's instructions and in accordance with requirements of Contract Documents.

3.04 ADJUSTING

- A. Adjust door closers to comply with manufacturer's instructions.
- B. Adjust locksets and latchsets for smooth operation, and for complete engagement into strikes.

3.05 CLEANING

A. Clean hardware with materials and methods as recommended by hardware manufacturer.

3.06 SCHEDULES

- A. Hardware Set 1: Each door to have the following.
 - 1 . 1 each Cylinder: Type, size, cam as required for locking device provided under other Sections.
- B. Hardware Set 2: Each door to have the following.
 - 2. 1 3 each Standard weight wrought hinges: 4-1/2 inch by 4-1/2 inch; 662.

- 2. 1 each Mortise lever lockset: Office function F04; 626. 3. 1 each Kickplate: 10 inch by 2 inches less door width; 630.
- 3. 4. 1 each Wall stop; 630.
- 4. 3 each Silencers.

C. Hardware Set 3: Each door to have the following.

- 5. 1. 3 each Standard weight wrought hinges: 4-1/2 inch by 4-1/2 inch; 652.
- 6. 2. 1 each Mortise lever lockset: Storeroom function F07; 626.
- 7. 3. 1 each Electric strike; 626. 4. 1 each Interior card reader.
- 8. 5. 1 each Closer: 4011; mount pull side; 689.
- 9. 6. 1 each Kickplate: 10 inch by 2 inches less door width; 630.
- 10. 7. 1 each Wall stop; 630.
- 11. 8. 3 each Silencers.

D. Hardware Set 4: Each door to have the following.

- 12. 1. 1 each Continuous hinge.
- 3. 1 each Mortise lever lockset: Storeroom function F07626.
- 13. 3. 1 each Electric strike; 626. 1 each Exterior card reader.
- 14. 5. 1 each Closer: 4010; mount pull side; 689.
- 15. 6. 1 each Wall stop; 630. 1 each Threshold.
- 16. 8. 1 set Weatherstrip: Head and jambs.
- 17. 9. 1 each Overhead drip cap, full width of frame.
- 18. 10. 1 each Door bottom drip.

11. 1 each Door sweep.

E. Hardware Set 5: Each door to have the following. 1 each Continuous hinge.

- 19. 2. 1 each Mortise lever lockset: Entrance function F20; 626.
- 20. 3. 1 each Closer-stop-holder: 4110-3049CNS; mount push side, parallel arm; 689. 4. 1 each Lock guard.
- 21. 5. 1 each Kickplate: 18 inch by 2 inches less door width; 630.
- 22. 6. 1 each Threshold.
- 23. 7. 1 set Weatherstrip: Head and jambs.
- 24. 8. 1 each Overhead drip cap, full width of frame.
- 25. 9. 1 each Door sweep/drip.

F. Hardware Set 6: Each door to have the following.

- 1. 1. 3 each Standard weight wrought hinges: 4-1/2 inch by 4-1/2 inch; 652.
- 2. 1 each Mortise lever lockset: Storeroom function F07; 626. 3. 1 each Kickplate: 10 inch by 2 inches less door width; 630.
- 3. 4. 1 each Wall stop; 630.

4. 3 each Silencers.

G. Hardware Set 7: Each door to have the following.

5. 1 . 3 each Standard weight wrought hinges: 4-1/2 inch by 4-1/2 inch; 652.

6. 2 1 each Push plate; 626. 3. 1 each Pull plate; 626.

4. 1 each Closer: 4011; mount pull side; 689. 5. 1 each Kickplate: 10 inch by 2 inches less door width; 630.

1. 6. 1 each Wall stop; 630.

2. 7. 1 set Gaskets: Head and jambs.

H. Hardware Set 8: Each door to have the following.

1 1 3 each Standard weight wrought hinges: 4-1/2 inch by 4-1/2 inch; 652.

2 2 1 each Mortise lever lockset: Office function F04 with knurled lever; 626.

3 3 1 each Kickplate: 10 inch by 2 inches less door width; 630.

4 4 1 each Wall stop; 630.

5 3 each Silencers.

Hardware Set 9: Each door to have the following.

1 . 3 each Standard weight wrought hinges: 4-1/2 inch by 4-1/2 inch; 652.

2. 1 each Mortise lever lockset: Classroom function F05; 626. 3. 1 each Kickplate: 10 inch by 2 inches less door width; 630.

1 4. 1 each Wall stop; 630.

4. 3 each Silencers.

2 J. Hardware Set 10: Each door to have the following.

3 1. 3 each Standard weight wrought hinges: 4-1/2 inch by 4-1/2 inch; 652.

4 2. 1 each Mortise deadlock: Double cylinder function F 16; 626. 3. 1 each Push plate; 626.

4. 1 each Pull plate; 626. 5. 1 each Kickplate: 10 inch by 2 inches less door width; 630.

5. 6. 1 each Wall stop; 630.

6. 7. 1 set Gaskets: Head and jambs.

K. Hardware Set 11: Each door to have the following.

1. 1. 3 each Standard weight wrought hinges: 4-1/2 inch by 4-1/2 inch; 652.

2. 2. 1 each Mortise lever latchset: Privacy function F22; 626.

3. 3. 1 each Closer-stop: 4110-3077CNS; mount push side, parallel arm; 689.

4. 4. 1 each Kickplate: 10 inch by 2 inches less door width; 630.

5. 5. 1 set Gaskets: Head and jambs.

L. Hardware Set 12: Each pair to have the following.

1. 1. 2 each Continuous hinges.
2. 2. 1 each Mortise lever lockset: Storeroom function F07; 626. 3. 1 set Automatic flush bolts.
3. 4. 2 each Closer-stop-holders: 4110-3049CNS; mount push side, parallel arm; 689.
4. 5. 2 each Kickplates: 18 inch by 2 inches less door width; 630.
5. 6. 1 each Threshold.
6. 7. 1 set Weatherstrip: Head and jambs.
7. 8. 1 each Overlapping astragal.
8. 9. 1 each Overhead drip cap, full width of frame.
9. 10. 1 each Door sweep/drip.

M. Hardware Set 13: Each door to have the following.

3 each Standard weight wrought hinges: 4-1/2 inch by 4-1/2 inch; 652. 2. 1 each Mortise lever lockset: Corridor/exit function F 13; 626. 3. 1 each Kickplate: 10 inch by 2 inches less door width; 630. 4. 1 each Overhead stop; 630.

5. 3 each Silencers.

N. Hardware Set 14: Each door to have the following.

1. 1. 1 each Continuous hinge.
2. 2. 1 each Mortise lever lockset: Corridor/exit function F 13; 626.
3. 3. 1 each Closer-stop-holder: 4110-3049CNS; mount push side, parallel arm; 689.
4. 4. 1 each Kickplate: 18 inch by 2 inches less door width; 630.
5. 5. 1 each Wall stop; 630.
6. 6. 1 set Gaskets: Head and jambs.
7. 7. 1 each Threshold.
8. 8. 1 each Door sweep.

O. Hardware Set 15: Each door to have the following.

1. 1. 1 each Continuous hinge.
2. 2. 1 each Push plate; 626.
3. 3. 1 each Pull plate; 626.
4. 1 each Closer-stop-holder: 4110-3049CNS; mount push side, parallel arm; 689. 5. 1 each Kickplate: 18 inch by 2 inches less door width; 630.

6. 3 each Silenoers.

P Hardware Set 16: Each door to have the following. 1 each Continuous hinge.

1. 2. 1 each Mortise lever lockset: Storeroom function F07; 626.
2. 3. 1 each Closer-stop-holder: 4110-3049CNS; mount push side, parallel arm; 689. 4. 1 each Lock guard.
3. 5. 1 each Kickplate: 10 inch by 2 inches less door width; 630.

4. 6. 1 each Threshold.
5. 7. 1 set Weatherstrip: Head and jambs.
6. 8. 1 each Overhead drip cap, full width of frame.
7. 9. 1 each Door sweep/drip.

Q. Hardware Set 17: Each door to have the following.

1. 1 . 3 each Standard weight wrought hinges: 4-1/2 inch by 4-1/2 inch; 652.
2. 2 1 each Mortise lever lockset: Corridor/exit function F 13; 626. 3. 1 each Kickplate: 10 inch by 2 inches less door width; 630.
3. 4. 1 each Wall stop; 630.
4. 5. 1 set Gaskets: Head and jambs.

END OF SECTION