

# **PROJECT MANUAL**

**INCLUDING**

**Specifications for Construction**

**OF**

# **HEALTH CENTER RELOCATION**

## **ADDENDUM NO. 1**

**FOR**

**TENNESSEE STATE UNIVERSITY  
3500 John A. Merritt Boulevard  
Nashville, Tennessee**

**DATE: March 5, 2012**

**Prepared by:**

**MELVIN GILL & ASSOCIATES, ARCHITECTS AND PLANNERS  
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DOCUMENT 00 01 10 (ADDENDUM NO. 1)

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DOCUMENT 00 91 13 (ADDENDUM NO. 1)

ADDENDA

ADDENDUM NUMBER 1

DATE: March 5, 2012

PROJECT: Health Center Relocation

OWNER: Tennessee State University

ARCHITECT: Melvin Gill & Associates, Architects and Planners

TO: Prospective Bidders



This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated February 16, 2012, with amendments, deletions and additions noted below.

Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

The Contract Documents are modified as follows:

QUESTIONS AND CLARIFICATIONS

See attached Pre-Bid questions and comments submitted prior to the close of business on March 2, 2012.

CHANGES TO THE PROJECT MANUAL

1. Delete Document 00 0110: Table of Contents in its entirety and insert Document 00 01 10 (ADDENDUM NO. 1): Table of Contents in lieu thereof.
2. Delete Document 00 00 40: List of Drawings in its entirety and insert Document 00 00 40 (ADDENDUM NO.1): List of Drawings in lieu thereof.

INFORMATION AVAILABLE TO BIDDERS

3. Add Document 00 91 13: Addenda (ADDENDUM NO. 1)

SPECIFICATION GROUP

4. Add Section 01 22 13: Unit Prices (ADDENDUM NO. 1)
5. Add Section 01 22 15: List of Unit Price Items (ADDENDUM NO. 1)

6. Delete Section 08 13 14: Standard Steel Doors in its entirety and insert Section 08 13 14 (ADDENDUM NO. 1) Standard Steel Doors in lieu thereof.
7. Delete Section 08 14 16: Flush Wood Doors in its entirety and insert Section 08 14 16 (ADDENDUM NO. 1) Flush Wood Doors in lieu thereof.
8. Delete Section 08 71 00: Door Hardware in its entirety and insert Section 08 71 00 (ADDENDUM NO. 1) Door Hardware in lieu thereof.
9. Delete Section 10 28 00: Toilet and Bath Accessories in its entirety and insert Section 10 28 00 (ADDENDUM NO. 1) Toilet and Bath Accessories in lieu thereof.

#### CHANGES TO THE DRAWINGS

10. Delete Sheet A-1 in its entirety and insert Sheet A-0.0 (ADD.-1) in lieu thereof.
11. Delete Sheet A-4 in its entirety and insert Sheet A-4 (ADD.-1) in lieu thereof.

END OF DOCUMENT

PRE-BID QUESTIONS AND COMMENTS  
 RECEIVED PRIOR TO CLOSE OF BUSINESS ON FRIDAY, MARCH 3, 2012  
 (ADDENDUM NO. 1)

RFI#	Question	Response
1	Will a performance bond be required for this project?	<b>Performance Bond will be negotiated with successful Contractor.</b>
2	What are the hours of work?	<b>Work hours are 8:00am – 5:00pm; any plumbing/underslab work is to be done after 5:00pm or on weekends. Coordination will have to be done before work commences.</b>
3	Should the contractor be concerned about the noise levels?	<b>Yes, contractor should minimize noise</b>
4	Are the door frames needing to be changed out per door schedule?	<b>See Sheet A-4 (Addendum No. 1)</b>
5	Will there need to be work done with the sprinkler unit and or sprinkler heads?	<b>Modify sprinkler unit/heads as required to meet local codes.</b>
6	On the casework, will there be a section cut out where the new wall hung sink will be placed?	<b>No. Price casework as showing on the Drawings.</b>
7	The existing space is protected with fire sprinkler. New walls are shown but no modifications to sprinkler are being proposed. Scope should be revised to include sprinkler.	<b>Relocate sprinkler to comply w/applicable codes</b>
8	Please advise if post tension cables exist in the existing slab and what the slab thickness is.	<b>No.</b>
9	Specs show integrated automation section but none is provided. Please advise if this is required.	<b>No integrated automation required; T-stat clarification pending.</b>
10	Specified doors are prefinished and require a longer lead time. Will temporary doors be required?	<b>No. See Specification Section 08 14 00 (ADDENDUM NO.1)</b>
11	Stainless steel PS sinks are shown and require a longer lead time. Will temporary sinks be required?	<b>Casework to be provided as shown on Drawings. Temporary sinks will not be necessary.</b>



12	A Metro codes permit will not be available during the short construction period. Will Metro approval be required prior to substantial completion?	<b>No. Contractor must apply for permit. Permit must be submitted before project closeout.</b>
13	Please provide the name of the campus standard controls contractor.	<b>Automated Logic – Manufacturer; Automated Controls, Inc. – Local Rep.</b>

## **SECTION 01 22 13 UNIT PRICES**

### **PART 1 - GENERAL**

#### **1.01 SUMMARY**

- A.** SECTION INCLUDES administrative and procedural requirements applicable to unit prices either established in these specifications or established in the Agreement based upon Owner's solicitation and Contractor's bid. Solicited unit prices are subject to determination at the time of a change in the Work if the bid unit price was not accepted and not listed in the Agreement. Unit prices may also be established and added to these specifications by appropriate Modification.
  - B.** RELATED SECTIONS are referenced in the definition of each unit price item.
  - C.** ALLOWANCES: For each Unit Price item, an allowance is established in the definition as a Base Quantity included in the Work. If no Base Quantity is stipulated, or if the Base Quantity is zero, then the unit price is invalid.
  - D.** UNIT PRICES include all direct and indirect costs, except overhead and profit, associated with the unit price item. If cumulative adjustments exceed, or are expected to exceed, a cumulative twenty five percent (25%) of the Base Quantity, either party to the Contract may initiate renegotiation for a new unit price. Such a new unit price shall be made a part of the Contract by appropriate Modification.
  - E.** INCREASES AND DECREASES in the Contract Sum by change order or construction change directive will be made based on the unit prices commensurate with either:
    - 1.** an interim increase or decrease in base quantities as agreed mutually or as deemed reasonably necessary by the Designer and consistent with actual quantities to date; or,
    - 2.** a final increase or decrease in base quantities to equal actual quantities when no further work defined as a unit price item is anticipated.
- 1.02** SUBMITTALS: Contractor shall keep a daily log of actual quantities of specified work units encountered, consumed, or expended. When submitting an application for payment which includes payment for Unit Price items, Contractor shall provide Designer a copy or report of the log which is acceptable to Designer. Actual quantities and the Contractor's log are subject to verification by Designer.

### **END OF SECTION**

**SECTION 01 22 15  
LIST OF UNIT PRICE ITEMS**

**PART 1 - GENERAL**

**1.01** SECTION INCLUDES the list of Unit Price items, and applicable established Unit Prices. Solicited unit prices are denoted in the "Definitions" Article below by having "(S)" as the Unit Price per Unit. Refer to Section 01 22 13 for general administrative requirements.

**1.02** DEFINITIONS for each Unit Price item are as follows:

Item	Related Sections	Base Quantity	Unit	Unit Price per unit	Work Included
1	NA	10	SF		Repair deteriorated and spalling plaster finish in Conference (Space 321); remove spalling plaster to sound surface around. Remove exterior and interior caulking, clean joints and recaulk. Clean adjacent window frame and masonry. Patch and paint interior west wall only. See attached photo.



01 22 15  
2

## SECTION 08 14 00 (ADDENDUM NO. 1)

### WOOD DOORS

#### PART 1 GENERAL

##### 1.1 SUMMARY

- A. Section includes wood doors, non-rated.

##### 1.2 SUBMITTALS

- A. Shop Drawings: Indicate door elevations, cutouts for glazing and hardware preparation.
- B. Samples: Submit two of door veneer, 6 x 6 inch in size illustrating wood grain, stain color, and finish.

##### 1.3 QUALITY ASSURANCE

- A. Perform work in accordance with NWWDA I.S.1.

##### 1.4 WARRANTY

- A. Furnish I (one) year manufacturer warranty to include delamination of veneer, warping beyond specified installation tolerances, defective materials, and telegraphing core construction.

#### PART 2 PRODUCTS

##### 2.1 WOOD DOORS

- A. Manufacturers:
  - 1. Algoma Hardwoods Inc.
  - 2. Graham Wood Doors.
  - 3. Mohawk Flush Doors, Inc.
  - 4. Substitutions: Permitted.
- B. Product Description: Solid core wood doors, non-rated, flush and glazed design; wood veneer; site finished.
  - 1. Flush Interior Doors: 1-3/4 inches thick; solid core five ply construction; as indicated on Drawings.
  - 2. Panels: To match door, face veneer to end match, as indicated on Drawings.

## 2.2 COMPONENTS

- A. Core:
  - 1. Core (Solid, Non-Rated): NWWDA, Type PC - Particleboard Grade LD-2.
- B. Flush Door Facing:
  - 1. Wood Veneer: NWWDA Grade 1 - Premium , rotary cut natural birch for transparent finish.
  - 2. Adhesive: NWWDA, Type II - water resistant.

## 2.3 ACCESSORIES

- A. Glass Stops: Steel.

## 2.4 FABRICATION

- A. Fabricate doors in accordance with NWWDA I.S.1 requirements.
- B. Acoustic Rating for Door and Frame Assembly: ASTM E90, minimum STC 35.
- C. Pre-machine doors for finish hardware.
- D. Machine doors to existing frame opening dimensions identified on shop drawings.

## 2.5 FINISH

- A. Site finish doors in accordance with approved sample.
- B. Seal door top edge with color sealer to match door facing.

## PART 3 EXECUTION

### 3.1 INSTALLATION

- A. Install doors in accordance with NWWDA I.S.1 requirements.
- B. Coordinate installation of glass and glazing.
- C. Coordinate installation of doors with installation of metal frames specified in Section 08 11 13 and hardware specified in Section 08 71 00. Glass specified in Section 08 80 00.
- D. Adjust door for smooth and balanced door movement.

- E. Tolerances:
  - 1. Conform to NWWDA requirements for fit and clearance tolerances and maximum diagonal distortion.

### 3.2 SCHEDULE

- A. Refer to Door and Frame Schedule shown on Drawings.

END OF SECTION

## SECTION 08 71 00 (ADDENDUM NO. 1)

### DOOR HARDWARE

#### PART 1 GENERAL

##### 1.1 SUMMARY

- A. Section includes hardware for wood, doors.
  - 1. Provide door gaskets, including weatherstripping and seals, and thresholds.

##### 1.2 SUBMITTALS

- A. Shop Drawings:
  - 1. Indicate locations and mounting heights of each type of hardware, schedules, catalog cuts, electrical characteristics and connection requirements.
  - 2. Submit manufacturer's catalog information.
- B. Samples:
  - 1. Submit one sample of typical hinge, latchset, lockset, and closer, illustrating style, color, and finish.
  - 2. Approved samples may be incorporated into Work.
- C. Manufacturer's Installation Instructions: Submit special procedures, and perimeter conditions requiring special attention.

##### 1.3 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: Submit data on operating hardware, lubrication requirements, and inspection procedures related to preventative maintenance.

##### 1.4 QUALITY ASSURANCE

- A. Perform Work in accordance with the following requirements:
  - 1. ANSI A156 series.
  - 2. NFPA 80.
  - 3. NFPA 101.
- B. Furnish hardware marked and listed in BHMA Directory of Certified Products.



## 1.5 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum ten years documented experience.
- B. Hardware Supplier: Company specializing in supplying commercial and institutional door hardware with minimum three years documented experience approved by primary hardware manufacturers.
- C. Hardware Supplier Personnel: Employ Architectural Hardware Consultant (AHC) to assist in work of this section.

## 1.6 PRE-INSTALLATION MEETINGS

- A. Convene minimum one week prior to commencing work of this section.
- B. Include persons involved with installation of doors, frames, and hardware.

## 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Package hardware items individually with necessary fasteners, instructions, and installation templates, when necessary; label and identify each package with door opening code to match hardware schedule.

## 1.8 COORDINATION

- A. Coordinate Work with other directly affected sections involving manufacture or fabrication of internal reinforcement for door hardware and recessed items.
  - 1. Provide templates or actual hardware as required to ensure proper preparation of doors and frames.
- B. Coordinate Owner's keying requirements during course of Work.

## 1.9 MAINTENANCE MATERIALS

- A. Furnish maintenance tools and accessories supplied by hardware component manufacturer.

## PART 2 PRODUCTS

### 2.1 DOOR HARDWARE

- A. Manufacturers:
  - 1. Best
  - 2. Ives
  - 3. LCN
  - 4. Schlage Lock Co.

5. NGP
  6. Von Duprin
  7. Substitutions: Permitted.
- B. Hinge Manufacturers:
1. Stanley – FBB Series.
  2. McKinney – TB Series.
  3. Ives – 5BB Series.
  4. Substitutions: Permitted.
- C. Lockset, Latch Set, and Cylinder Manufacturers:
1. Schlage ND Series, SPA design.
  2. Sargent 10-Line Series, LP design.
  3. Falcon T Series, Quantum design.
  4. Best 93K Series, 15C design
  5. Substitutions: Permitted.
- D. Closer Manufacturers:
1. LCN 4000 Series
  2. Sargent 281 Series
  3. Substitutions: Permitted .
- E. Push/Pulls, Manual and Automatic Bolts, Protection Plates, and Trim Manufacturers:
1. Ives
  2. Trimco.
  3. Rockwood.
  4. Substitutions: Permitted .

## 2.2 COMPONENTS

- A. General Hardware Requirements: Where not specifically indicated, comply with applicable ANSI A156 standard for type of hardware required. Furnish each type of hardware with accessories as required for applications indicated and for complete, finished, operational doors.
1. Templates: Furnish templates or physical hardware items to door and frame manufacturers sufficiently in advance to avoid delay in Work.
  2. Reinforcing Units: Furnished by door and frame manufacturers; coordinated by hardware supplier or hardware manufacturer.
  3. Fasteners: Furnish as recommended by hardware manufacturer and as required to secure hardware.
    - a. Finish: Match hardware item being fastened.
- B. Hinges: ANSI A156.1, full mortise type complying with following general requirements unless otherwise scheduled.

1. Widths: Sufficient to clear trim projection when door swings 180 degrees.
  2. Number: Furnish minimum three hinges to 90 inches high, four hinges to 120 inches high for each door leaf.
  3. Size and Weight: 4-1/2 inch heavy weight typical for 1-3/4 inch.
    - a. Doors Over 40 inches Wide: Extra heavy weight ball or oilite bearing hinges.
    - b. Doors Over 48 inches Wide: 5 inch extra heavy weight ball or oilite bearing.
  4. Pins: Furnish nonferrous hinges with non-removable pins (NRP) at exterior and locked outswinging doors, non-rising pins at interior doors.
  5. Tips: Flat button.
- C. Locksets: Furnish locksets compatible with specified cylinders. Typical 2-3/4 inch backset. Furnish standard strikes with extended lips to protect trim from being marred by latch bolt.
1. Bored (Cylindrical) Locksets: ANSI A156.2, Series 4000, Grade 1 unless otherwise indicated.
- D. Latch Sets: Match locksets. Typical 2-3/4 inch backset. Furnish standard strikes with extended lips to protect trim from being marred by latch bolt.
1. Bored (Cylindrical) Latch Sets: ANSI A156.2, Series 4000, Grade 1 unless otherwise indicated.
- E. Exit Devices: ANSI A156.3, Grade 1 rim type, with push pad cross bar, unless otherwise indicated. Furnish standard strikes with extended lips to protect trim from being marred by latch bolt.
1. Types: Suitable for doors requiring exit devices.
- F. Cylinders: ANSI A156.5, Grade 1 Match existing building cylinders.
1. Keying: Keyed to existing keying system as directed by Owner.
  2. Keys: Nickel silver. Stamp keys with "DO NOT DUPLICATE".
  3. Provide allowance of \$ 600 to Owner for purchase and keying of permanent cores.
- G. Closers: ANSI A156.4 modern type with cover, surface mounted closers; cast iron body; double heat treated pinion; full rack and pinion type with steel spring and non-freezing hydraulic fluid; closers required for fire rated doors unless otherwise indicated.
1. Adjustability: Furnish controls for regulating closing, latching, speeds, and back checking.
  2. Arms: Type to suit individual condition; parallel-arm closers at reverse bevel doors and where doors swing full 180 degrees.
  3. Location: Mount closers on inside of exterior doors, room side of interior doors typical; mount on pull side of other doors.
  4. Operating Pressure: Maximum operating pressure as follows.

- a. Interior Doors: Maximum 5 pounds.
- b. Fire Rated Doors: As required for fire rating, maximum 15 pounds.

## 2.3 ACCESSORIES

- A. Lock Trim: Furnish levers with rose as indicated in Schedule.
  - 1. Do not permit through bolts on solid wood core doors.
- B. Through Bolts: Do not permit through bolts and grommet nuts on door faces in occupied areas unless no alternative is possible.
  - 1. Do not use through bolts on solid wood core doors.

## 2.4 FINISHING

- A. Finishes: ANSI A156.18; furnish following finishes except where otherwise indicated in Schedule at end of section.
  - 1. Hinges:
    - a. BHMA 652, satin chrome plated brass or bronzefinish.
  - 2. Typical Exterior Exposed and High Use Interior Door Hardware:
    - a. BHMA 630, satin finished stainless steel.
    - b. BHMA 626, satin chromium plated brass or bronze.
  - 3. Typical Interior Door Hardware:
    - a. BHMA 626, satin chromium plated brass or bronze.
    - b. BHMA 630, satin finished stainless steel.
  - 4. Typical Interior Toilet Room Door Hardware:
    - a. BHMA 626, satin chromium plated brass or bronze.
    - b. BHMA 630, satin finished stainless steel.
  - 5. Closers: Finish appearance to match door hardware on same face of door.
  - 6. Thresholds: Finish appearance to match door hardware on exterior face of door.
    - a. BHMA 628, satin aluminum, clear anodized.
  - 7. Other Items: Furnish manufacturer's standard finishes to match similar hardware types on same door, and maintain acceptable finish considering anticipated use and BHMA category of finish.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Verify doors and frames are ready to receive door hardware and dimensions are as instructed by manufacturer.

### 3.2 INSTALLATION

- A. Coordinate mounting heights with door and frame manufacturers. Use templates provided by hardware item manufacturer.

### 3.3 FIELD QUALITY CONTROL

- A. Architectural Hardware Consultant, Supplier or Primary Hardware Manufacturer's Representatives inspect installation and certify hardware and installation has been furnished and installed in accordance with manufacturer's instructions and as specified.

### 3.4 ADJUSTING

- A. Adjust hardware for smooth operation.

### 3.5 PROTECTION OF INSTALLED CONSTRUCTION

- A. Section 01 70 00 - Execution and Closeout Requirements: Protecting installed construction.
- B. Do not permit adjacent work to damage hardware or hardware finish.

### 3.6 SCHEDULES

- A. The following hardware sets are intended to establish type and standard of quality when used together with this section's requirements. Examine Drawings and Specifications and furnish proper hardware for door openings.
- B. Manufacturers and/or abbreviations used in this schedule:

EXST Existing  
HMF Hollow Metal Frame  
IVE H. B. Ives  
BES Best Lock Company  
LCN LCN Closers  
NGP National Guard Products  
SCE Schlage Electronics  
SCH Schlage Lock Company  
VON Von Duprin  
WD Wood Door

Mark	HwSet	Mode	Door	Frame
300	01	SGL	EXST	EXST
302	02	SGL	WD	HM
303	03	SGL	WD	HM
304	04	SGL	WD	HM
306	02	SGL	WD	HM
307	05	SGL	WD	HM
308	06	SGL	WD	HM
309	07	SGL	WD	HM
310	05	SGL	WD	HM
311	08	SGL	WD	HM
312	08	SGL	WD	HM
313	07	SGL	WD	HM
314	09	SGL	WD	HM
315	10	SGL	WD	HM
316	08	SGL	WD	HM
317	11	PR	WD	HM
318	12	SGL	WD	HM
319	13	SGL	WD	HM
320	12	SGL	WD	HM
321	04	SGL	WD	HM
322	01	SGL	EXST	EXST

HW SET: 01  
DOOR NUMBER:  
300            322

EACH TO HAVE:  
1    EXISTING DOOR, FRAME AND HARDWARE TO REMAIN

HW SET: 02  
DOOR NUMBER:  
302            306

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STD COMBINATED CORE	1C7- 2 (BY OWNER)	626	BES
1	EA	STOREROOM LOCK	ND96HD SPA	626	SCH
1	EA	SURFACE CLOSER	4041	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	WALL STOP	WS406CCV	630	IVE

3 EA SILENCER SR64 GRY IVE

HW SET: 03  
DOOR NUMBER:  
303

EACH TO HAVE:

3	EA HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA STD COMBINATED CORE	1C7- 2 (BY OWNER)	626	BES
1	EA STOREROOM LOCK	ND96HD SPA	626	SCH
1	EA SURFACE CLOSER	4041	689	LCN
1	EA OVERHEAD STOP	450S	630	GLY
1	EA KICK PLATE	8400 10" X 2" LDW	630	IVE
3	EA SILENCER	SR64	GRY	IVE

HW SET: 04  
DOOR NUMBER:  
304 321

EACH TO HAVE:

3	EA HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA STD COMBINATED CORE	1C7- 2 (BY OWNER)	626	BES
1	EA CLASSROOM LOCK	ND94HD SPA	626	SCH
1	EA SURFACE CLOSER	4041	689	LCN
1	EA KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA WALL STOP	WS406CCV	630	IVE
3	EA SILENCER	SR64	GRY	IVE
1	EA COAT HOOK	574B	626	IVE

HW SET: 05  
DOOR NUMBER:  
307 310

EACH TO HAVE:

3	EA HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA STD COMBINATED CORE	1C7- 2 (BY OWNER)	626	BES
1	EA ENTRANCE LOCK	ND92HD SPA	626	SCH
1	EA WALL STOP	WS406CCV	630	IVE

3	EA SILENCER	SR64	GRY IVE
1	EA COAT HOOK	574B	626 IVE

HW SET: 06  
DOOR NUMBER:  
308

EACH TO HAVE:			
3	EA HINGE	5BB1HW 4.5 X 4.5	630 IVE
1	EA PRIVACY SET	ND40S SPA	626 SCH
1	EA SURFACE CLOSER	4111 CUSH	689 LCN
1	EA KICK PLATE	8400 10" X 2" LDW	630 IVE
1	EA KICK PLATE	8400 4" X 1" LDW	630 IVE
1	EA WALL STOP	WS406CCV	630 IVE
1	SETSEALS	5050B	BRN NGP
1	EA COAT HOOK	574B	626 IVE

HW SET: 07  
DOOR NUMBER:  
309            313

EACH TO HAVE:			
3	EA HINGE	5BB1 4.5 X 4.5	652 IVE
1	EA STD COMBINATED CORE	1C7- 2 (BY OWNER)	626 BES
1	EA CLASSROOM LOCK	ND94HD SPA	626 SCH
1	EA SURFACE CLOSER	4041	689 LCN
1	EA KICK PLATE	8400 10" X 2" LDW	630 IVE
1	EA WALL STOP	WS406CCV	630 IVE
3	EA SILENCER	SR64	GRYIVE

HW SET: 08  
DOOR NUMBER:  
311            312            316

EACH TO HAVE:			
3	EA HINGE	5BB1 4.5 X 4.5	652 IVE
1	EA PASSAGE SET	ND10S SPA	626 SCH
1	EA WALL STOP	WS406CCV	630 IVE
3	EA SILENCER	SR64	GRY IVE
3	EA COAT HOOK	574B	626 IVE



HW SET: 09  
DOOR NUMBER:  
314

EACH TO HAVE:

3	EA HINGE	5BB1HW 4.5 X 4.5	630	IVE
1	EA PRIVACY SET	ND40S SPA	626	SCH
1	EA KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA KICK PLATE	8400 4" X 1" LDW	630	IVE
1	EA WALL STOP	WS406CCV	630	IVE
1	SET SEALS	5050B	BRN	NGP

HW SET: 10  
DOOR NUMBER:  
315

EACH TO HAVE:

3	EA HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA PASSAGE SET	ND10S SPA	626	SCH
1	EA OVERHEAD STOP	450S	630	GLY
3	EA SILENCER	SR64	GRY	IVE
3	EA COAT HOOK	574B	626	IVE

HW SET: 11  
DOOR NUMBER:  
317

EACH TO HAVE:

6	EA HINGE	5BB1 4.5 X 4.5	652	IVE
2	EA MANUAL FLUSH BOLT	FB458-12"	626	IVE
1	EA DUST PROOF STRIKE	DP2	626	IVE
1	EA STD COMBINATED CORE	1C7- 2 (BY OWNER)	626	BES
1	EA STOREROOM LOCK	ND96HD SPA	626	SCH
1	EA ASTRAGAL	158NA	CL	NGP
2	EA OVERHEAD STOP	450S	630	GLY
2	EA SILENCER	SR64	GRY	IVE

HW SET: 12  
DOOR NUMBER:  
318            320

EACH TO HAVE:

3	EA HINGE	5BB1HW 4.5 X 4.5	630	IVE
1	EA PRIVACY SET	ND40S SPA	626	SCH
1	EA SURFACE CLOSER	4041	689	LCN
1	EA KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA KICK PLATE	8400 4" X 1" LDW	630	IVE
1	EA WALL STOP	WS406CCV	630	IVE
1	SET SEALS	5050B	BRN	NGP
1	EA COAT HOOK	574B	626	IVE

HW SET: 13  
DOOR NUMBER:  
319

EACH TO HAVE:

3	EA HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA STD COMBINATED CORE	1C7- 2 (BY OWNER)	626	BES
1	EA ELECTRONIC LOCK	CO-100-CY-70-KP-SPA-BDC	626	SCE
1	EA SURFACE CLOSER	4041	689	LCN
1	EA KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA WALL STOP	WS406CCV	630	IVE
3	EA SILENCER	SR64	GRY	IVE

HW SET: 14  
DOOR NUMBER:  
322

EACH TO HAVE:

3	EA HINGE	5BB1HW 4.5 X 4.5	630	IVE
1	EA FIRE EXIT HARDWARE	99L-F 996L	626	VON
1	EA STD COMBINATED CORE	1C7- 2 (BY OWNER)	626	BES
1	EA SURFACE CLOSER	4041	689	LCN
1	EA KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA WALL STOP	WS406CCV	630	IVE
1	SET SEALS	5050B	BRN	NGP

PRESENTATION OF VALID PIN UNLOCKS OUTSIDE LEVER. LEVER RELOCKS

AFTER PRESET INTERVAL.

MISC ITEMS

10	EA CONSTRUCTION KEY 48-310	SCH
2	EA CONSTRUCTION KEY 48-311	SCH
11	EA KEYING CHARGES 50-231	SCH

SECTION 10 28 00 (ADDENDUM NO. 1)  
TOILET, BATH, AND LAUNDRY ACCESSORIES

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes toilet and bath, accessories.

1.2 SUBMITTALS

- A. Product Data: Submit data on accessories describing size, finish, details of function, attachment methods.
- B. Samples: Submit two samples of each accessory illustrating color and finish.

PART 2 PRODUCTS

2.1 TOILET, BATH AND LAUNDRY ACCESSORIES

- A. Manufacturers:
  - 1. Georgia Pacific.
  - 2. American Specialties, Inc.
  - 3. Bobrick Washroom Accessories.
  - 4. Substitutions: Permitted.

2.2 COMPONENTS

- A. Accessories - General: Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.
  - 1. Grind welded joints smooth.
  - 2. Fabricate units made of metal sheet of seamless sheets, with flat surfaces.
- B. Furnish keys for each accessory to Owner.

2.3 TOILET ROOM ACCESSORIES

- A. Soap Dispenser: Liquid soap dispenser (each lavatory and sink).
  - 1. Minimum Capacity: 40 ounces.
  - 2. Product: 91180-00 manufactured by Kimberly Clark.
- B. Mirrors:
  - 1. Product: B-165 1824 manufactured by Bobrick (each toilet)

2. Product: B-165 2460 Manufactured by Bobrick (accessible and staff toilets).
- C. Mirrors: Stainless steel framed, 6 mm thick float glass mirror.
1. Size: As indicated in Schedule.
  2. Shelf: Stainless steel; gage and finish to match mirror frame, turned down edges, welded to frame; 5 inches deep, full width of mirror.
  3. Product: B-293; 18" x 24" manufactured by Bobrick.
- D. Utility Shelf: 1-B-287 (accessible and staff toilets).
- E. Grab Bars: Stainless steel, 1-1/2 inches outside diameter, minimum 0.05 inch wall thickness, non-slip grasping surface finish, concealed flange mounting; 1-1/2 inches clearance between wall and inside of grab bar.
1. Length: As indicated on Drawings.
  2. Product: B-6806 manufactured by Bobrick.
- F. Paper Towel Dispenser:
1. Product: 58533 manufactured by Georgia Pacific (each lavatory and sink).
- G. Hat and Coat Hook Strip – 24 inch (Observation Room)
1. Product B-232 manufactured by Bobrick. Install as directed by Architect.
- H. Toilet Paper Holder
1. Product: 58250 manufactured by Georgia Pacific (each toilet)
- I. Sanitary Napkin Disposal Unit: Stainless steel, surface-mounted, self-closing door, locking bottom panel with full-length stainless steel piano-type hinge, removable receptacle.
1. Product: B-254 manufactured by Bobrick (each toilet)
- J. Contractor to verify that bathroom dispenser products match TSU's bulk paper and soap supplies.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Verify exact location of accessories for installation.

### 3.2 PREPARATION

- A. Deliver inserts and rough-in frames to site. Provide templates and rough-in measurements.

### 3.3 INSTALLATION

- A. Install plumb and level, securely and rigidly anchored to substrate.
- B. Mounting Heights and Locations: As indicated on Drawings:

END OF SECTION