

CONTRACT ADDENDA NO. 2

Horst, Terrill & Karst Architects, P.A.

To All Bidders:

The following are changes in the previously issued plans and specifications and supersede conflicting information so included.

When a change is made affecting a part of a drawing or specification, the balance of that drawing or specification shall remain unchanged.

Bidders must acknowledge receipt of this addenda in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

A special reminder to contractors that your Contractor's Qualification Statement needs to be on file in the Architect's office or must accompany the Bid Form as stated in the Instructions To Bidders in the specifications.

GENERAL:

- 1. Pre-Bid Meeting
 - a. The Pre-Bid meeting was held on July 27, 2016
 - b. See attached meeting minutes and attendance roster.

Approvals

- 1. Section 123216
 - a. Add the following to the approved manufacturers list:
 - i. Case Systems
- 2. Section 081416
 - a. Add the following to the approved manufacturers list:
 - i. Eggers Industries.
- 3. Section 081113
 - a. Add the following to the approved manufacturers list:
 - i. Mesker Door Company

SPECIFICATIONS:

SECTION – BID FORM

- 1. Replace the old Bid form with the new bid form issued in Addenda No. 2.

SECTION 126100 – FIXED AUDIENCE SEATING

- 1. Add the following to section 2.5; D; 4. Alternate fabrics that manufacturer prefers to use may be submitted for consideration prior to bidding.

Section 087100 - DOOR HARDWARE

- 1. Insert section 087100 – Door Hardware.

DRAWINGS

Sheet FE101

- 1. Change the room number in the title of casework elevations 6 & 7FE101 to 105 in lieu of 205.

Sheet A701

1. Change the wall finishes in rooms 102, 103 and 104a to "PWT" (porcelain tile) in the Room Finish Schedule.

MEETING MINUTES

PRE-BID CONFERENCE

I. Welcome, Introductions, and Attendance – HTK Architects

II. Data Confirmation – HTK Architects

- A. Bid Receiving:
 - Date: Thursday, August 11, 2016
 - Time: 2:00 p.m., Central Standard Time
 - Place: The District Office

- B. Plan-holders list: distribution via Drexel Technologies, <http://drexeltech.com/>

- C. Addenda: #1, July 25, 2016

- D. Known Addendum Items:
 - 1. None at this time

- E. Bid Security: 5% of base bid – payable to [Owner name]

- F. Questions and Substitution Requests: must be made 10 days prior to bid. Send all to:
 - Charley Sexton
 - HTK Architects
 - 9300 W. 110th Street, Suite 150
 - Overland Park, KS
 - Tele: 913-663-5373
 - ces@htkarchitects.com

- G. Sales Tax: project is tax exempt

- H. Site Visit Scheduling: contact Owner rep, Dan Brungardt, 913-422-5600

III. Project Overview – HTK Architects

- C. Building MEP Systems – Smith and Boucher

- D. Building Envelope Materials – HTK Architects

- E. Building Interior Features – HTK Architects
- F. Alternates – HTK Architects
 - 1. Phase 2 classroom renovations
 - 2. Electric heat in the vestibules

IV. Project Scheduling/Phasing/Staging

- A. Project Start Up: Award of Contract
- B. Substantial Completion Date: December 16, 2016 – Base Bid
March 1, 2017
- C. Phasing: This project will be conducted in multiple phases.
 - 1. Renovate the Base Bid (Phase 1) spaces
 - 2. Renovate the Alternate Bid (Phase 2) spaces
- E. Staging: access, restrictions, owner use areas, etc.

V. Questions and Comments

- 1. The enlarged elevations call out tile on the walls in the toilets 102, 103 and 104a. The finish schedule calls out these rooms to be painted. These rooms should have tile walls.
- 2. The existing hardware is noted to be salvaged to the owner. We would like the existing lever handle hardware to the classrooms and Cafeteria to be reinstalled on the new door slabs.

VI. Adjourn Official Pre-Bid meeting

VII. Project site open for exploration

Attendee Name	Company Name & Address	Telephone / Email
Charley Sexton	HTK Architects 9300 W. 110 th St., Suite 150 Overland Park, Kansas 66210-1443	Tel.: (913) 663-5373 E: ces@htkarchitects.com
Meggan Holm	RF Benchmark	Tel.: 785-776-8855 E: acrowl@rfbenchmark.build
Mike Nesbitt	Nesbitt Company Inc Plg + Mch	Tel.: 785-379-5515 E: NCpipes@sbcglobal.net
Tom Eiberger	Eiberger Const.	Tel.: 816-330-3839 E: mary@eibergerconstruction.com
NEIL ROGERS	N.W. Rogers Const. Inc	Tel.: (816) 228-5700 E: FAX 228-5530 NWROGERSCONST@EARTHLINK.NET
MIKE WILKINS	WILCOTT CONST., INC.	Tel.: 816 545-1037 E: KSCHOONLOVIER@WILCOTTCONSTRUCTION.COM
Jesse Hopkins	The Wilson Group Inc	Tel.: 816 434-3189 E: j.hopkins@thewilsongroupinc.com
John Schauerer	USD 204	Tel.: E: schauererj@usd204.net
Pete Roberts	USD 204	Tel.: E: RobertsP@usd204.net
Louie Ralston	KES Construction	Tel.: 785-766-5845 E: Louie@KESconstruction.net
		Tel.: E:

(Name of Bidder)

(Date)

BID FORM - SINGLE CONTRACT

PROJECT:

Bonner Springs USD 204
McDaniel Learning Center Renovation
110 S. Nettleton Ave.
Bonner Springs, Kansas 66012

OWNER

BONNER SPRINGS USD 204
2200 South 138th Street
Bonner Springs, KS 66012

In compliance with the Invitation to Bid and Instructions to Bidders, the undersigned proposes to furnish labor, materials and equipment necessary to construct the McDaniel Learning Center Renovation For the Bonner Springs USD 204, Bonner Springs Kansas, in accordance with the contract documents for the General Contract for the prices stated below (in both written and numeric formats).

BASE BID

\$ _____ .00

_____ dollars and 00/100 cents

ALTERNATES

For the alternates described, add to or deduct from the Base Bid at the prices stated below. Alternate prices shall be valid for ninety (90) days after the Bid Date.

DESCRIPTION	ADD	DEDUCT
Alt. 1: Complete the renovations of rooms 201-205 (Phase 2)	\$ _____	\$ _____
Alt. 2: Unit heaters 1, 2 and 3	\$ _____	\$ _____
Alt. 3: (If required by Addendum)	\$ _____	\$ _____

ADDENDA

Receipt is acknowledged of Addendum No's. (write in Addendum Nos. received) _____

UNIT PRICES

For changes in the work, state the unit prices to add to or deduct from the contract price as follows (an ADD unit price shall not exceed the DEDUCT unit price by more than 25 percent):

(Name of Bidder)		(Date)	
Description	Unit	ADD	DEDUCT
1. Unit Price No. 1: (If required by Addendum)	(If required by Addendum)	\$ _____	\$ _____
2. Unit Price No. 2: (If required by Addendum)	(If required by Addendum)	\$ _____	\$ _____
3. Unit Price No. 3: (If required by Addendum)	(If required by Addendum)	\$ _____	\$ _____

TIME OF COMPLETION

The date of Substantial Completion for the **Base Bid** renovation shall be December 16, 2016.

The date of Substantial Completion for the **Alternate Bid** renovation shall be March 1, 2017

CONTRACT

If notified of the acceptance of this proposal within thirty (30) calendar days, the undersigned agrees to execute a contract for the work on the form "Standard Form of Agreement Between Owner and Contractor," A.I.A. Document A-101, current edition, within seven (7) calendar days after receipt of notification.

PROPOSAL SECURITY

The undersigned agrees that the Proposal Security shall become the property of the Owner in the event the Contractor fails to execute the Contract and the Bonds within the time set forth above, as liquidated damages for the delay and additional expense to the Owner caused thereby.

DECLARATION

The undersigned hereby declares that he has examined the Contract Documents, has visited the Site, and submits this Proposal in compliance therewith. The undersigned understands that his competence and responsibility and that of his subcontractors, time of completion, as well as any other factors of interest to the Owner may be a consideration in making the award. The Owner reserves the right to reject any or all proposals, to accept or reject alternate proposals and unit prices, and to waive technicalities concerning the proposals received as it may be in his best interest to do so.

Company Name

Address

Telephone and FAX Numbers

BY _____

TITLE _____

SECTION 087100 - DOOR HARDWARE

PART 1 - GENERAL

1.1 SUMMARY

- A. Intent: The intent of this Section is to provide finish hardware for the proper operation and control of all wood, hollow metal, and aluminum doors in the Project. Prior to bidding, notify the Architect of any doors that do not have hardware meeting this intention.
- B. Section Includes: Provide all items of finish hardware required to adequately trim, hang, and operate all doors, as is hereinafter specified and listed in the Hardware Schedule.
 - 1. The hardware supplier will be responsible to furnish correct hardware on labeled doors to satisfy State and Local Building Codes.
 - 2. Should items of hardware, not definitely specified, be required for completion of work, furnish such items of type and quality suitable to the services required and comparable to the adjacent hardware.
 - 3. Provide all necessary standard and special fasteners, screws, bolts, expansion shields or anchors to properly secure hardware to its intended door, frame, or other surface.
- C. Related Sections include the following:
 - 1. Hollow Metal Frames: Section 08 12 13.
 - 2. Flush Wood Doors: Section 08 14 16.
 - 3. High-Impact Resistant Wood Doors: Section 08 14 20.
- D. This Section includes, but is not necessarily limited to furnishing and installing complete, the following:
 - 1. Finish hardware for proper operation, function, control and protection of all doors, as required.

1.2 REFERENCES

- A. The following reference standards and model code documents shall be used in estimating and detailing door hardware, and shall be considered as a standard of quality, function, and performance, as applicable:
 - 1. I.B.C. International Building Code (current year adopted)..
 - 2. NFPA-80 Fire Doors & Windows (current year adopted).
 - 3. NFPA-101 Life Safety Code (current year adopted).
 - 4. NFPA-105 Smoke Control Door Assembly. (current year adopted)
 - 5. ANSI-117.1 1992 Edition Providing Accessibility and Usability for Physically Handicapped People.
 - 6. A.D.A.A.G Americans with Disabilities Act Accessibility Guidelines.

1.3 ACTION SUBMITTALS

- A. General: Submit the following in accordance with Section 01 33 00.
- B. Product Data: Provide a catalog cut sheet, clearly marked and identified, illustrating and describing each product included in the Hardware Schedule.
 - 1. Include construction and installation details, material descriptions, dimensions of individual components and profiles, and finishes.
 - 2. Formulate catalog cut sheets into sets and include a set with each copy of the Hardware Schedule submitted.
- C. Door Hardware Schedule: Prepared by or under the supervision of Architectural Hardware Consultant, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.

1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
 2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening.
 3. Content: Include the following information:
 - a. Type, style, function, size, label, hand, and finish of each door hardware item.
 - b. Complete designations of every item required for each door or opening including name and manufacturer.
 - c. Fastenings and other pertinent information.
 - d. Location of each door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule. Use same scheduling sequence and format and use same door numbers and hardware set numbers as in the Contract Documents.
 - e. Explanation of abbreviations, symbols, and codes contained in schedule.
 - f. Mounting locations for door hardware.
 - g. Door and frame sizes and materials.
 - h. Description of each electrified door hardware function, including location, sequence of operation, and interface with other building control systems.
 4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other Work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.
- D. Wiring Diagrams: For electrified hardware items specified for this Project, Provide complete wiring diagrams along with riser drawings and elevations, showing locations where such material is to be installed. Wiring Diagrams shall be submitted with Hardware Schedule. Verify and coordinate with the electrical systems installer.
1. Operation Narrative: Describe the operation of doors controlled by electrified door hardware.
- E. Samples for Verification: If so requested by the Architect, provide a sample of any product or item requested, properly marked and tagged, for the opening for which it is intended.
- F. Keying: By Owner
- 1.4 INFORMATIONAL SUBMITTALS
- A. Operation and Maintenance Data: For each type of door hardware to include in maintenance manuals. Provide latest, revised and updated schedule of finish hardware, complete with catalog cuts and keying schedule. In addition, furnish one (1) copy of maintenance and parts manuals for those items for which they are readily available and normally provided.
 1. Submit in accordance with provisions of Section 01 78 23.
- 1.5 QUALITY ASSURANCE
- A. Substitutions: Request for substitutions for alternative hardware items will not be accepted on this Project unless specifically indicated. If any specified product is listed as a "No Substitution" product, only that specified product shall be provided as indicated.
 - B. Installer Qualifications: An experienced installer who has completed door hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
 - C. Supplier Qualifications: Door hardware supplier with warehousing facilities in Project's vicinity and who is or employs a qualified Architectural Hardware Consultant, available during the course of the Work to consult with Contractor, Architect, and Owner about door hardware and keying.
 1. The hardware supplier shall be engaged regularly in the furnishing, delivery and servicing of contract builder's hardware and must be experienced and knowledgeable in all phases of estimating, detailing, scheduling, masterkeying, shipping and installation practices.

2. When electro-mechanical or electronic hardware is supplied, a qualified individual with a minimum five- (5) year's experience shall be available for assistance.
 - D. Architectural Hardware Consultant Qualifications: A person who is currently certified by the Door and Hardware Institute as an Architectural Hardware Consultant and who is experienced in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this Project.
 - E. Source Limitations: Obtain each type and variety of door hardware from a single manufacturer, unless otherwise indicated.
 - F. Regulatory Requirements: Comply with provisions of the following:
 1. Provide hardware that complies with Americans with Disabilities Act (ADA), "Accessibility Guidelines for Buildings and Facilities (ADAAG)," and ANSI A117.1.
 - G. Fire-Rated Door Assemblies: Provide door hardware for assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252.
 - H. Electrified Door Hardware: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
 - I. Keying Conference: Conduct conference at Project site to comply with requirements in Division 01 Section "Project Management and Coordination." Incorporate keying conference decisions into final keying schedule after reviewing door hardware keying system including, but not limited to, the following:
 1. Function of building, flow of traffic, purpose of each area, degree of security required, and plans for future expansion.
 2. Preliminary key system schematic diagram.
 3. Requirements for key control system.
 4. Address for delivery of keys.
 5. Requirements and/or location of Key Cabinet.
- 1.6 DELIVERY, STORAGE, AND HANDLING
- A. Marking and Packaging: All items of hardware shall be delivered to the site in manufacturer's original cartons or boxes. Mark each box with hardware heading and door number according to approved hardware schedule.
 - B. Deliver individually packaged hardware items at the proper times to the proper locations (shop or project site) for installation: Provide a complete packing list showing items, door numbers and hardware headings with each shipment.
 - C. Store hardware in shipping cartons above ground and under cover to prevent damage. Provide secure lockup for door hardware delivered to the Project, but not yet installed. Control handling and installation of hardware items that are not immediately replaceable -so that completion of the Work will not be delayed by hardware losses both before and after installation
 - D. Aluminum Door Hardware: Deliver hardware for aluminum doors as directed by the door supplier.
- 1.7 COORDINATION
- A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing door hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.
- 1.8 MAINTENANCE

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- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.
- B. Maintenance Service: If there are any products listed hereinafter that normally require a maintenance or service contract, provide the Owner and Architect with details and costs of standard maintenance or service contract.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Designations: Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of door hardware are indicated in Part 3 "Hardware Schedule" Article. Products are identified by using door hardware designations, as follows:
 - 1. Provide the materials or products indicated by trade names, manufacturer's name, or catalog number.
 - 2. Provide manufacturer's standard products meeting the design intent of this Specification, free of imperfections affecting appearance or serviceability.
 - 3. Hand of door: Drawings show direction of slide, swing or hand of each door leaf. Furnish each item of hardware for proper installation and operation of door movement as shown.

2.2 SPECIAL REQUIREMENTS

- A. Hinges:
 - 1. Provide non-removable pins for all exterior doors. Use nonrising pins for all other doors. Provide continuous hinges where specified.
- B. Locksets:
 - 1. All locksets to be grade 1 heavy duty mortise.
- C. Exit Devices:
 - 1. All latchbolts to be deadlatching type.
 - 2. All touchbars to be stainless steel. Touchpad shall extend a minimum of one half of the door width. Touch-pad finish shall be compatible to exit device finish.
 - 3. Provide electrical options as scheduled, panic device must be compatible with electronic trim specified.
- D. Closers:
 - 1. Comply with manufacturer's recommendations for unit size based on door size, weather exposure and usage.
 - 2. Provide parallel arms for all overhead closers, except as otherwise indicated.
 - 3. All Closers UL Certified to be in compliance with UBC 7.2 and UL 10C.
 - 4. Closers with Pressure Relief Values will not be acceptable.
 - 5. Supplier to provide any brackets or plates required for proper Installation of door closers.
- E. Special Notes
 - 1. All doors to have operable hardware
 - 2. Provide stop that is required for the application. A wall stop is preferred. If an overhead stop or floor stop is a better application, it is to be provided.
 - 3. Smoke seal and intumescent seal is to be provided as required on fire labeled openings.
 - 4. Coordinate hardware locations with vision light sizes and locations.

2.3 MATERIALS

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- A. Screws and Fasteners: Provide all screws and fasteners of the proper size and type to properly anchor or attach the item of hardware scheduled. Provide all fasteners with Phillips heads, unless security type screws (spanner-head or torx-head) are hereinafter specified.

2.4 HARDWARE PRODUCTS

ITEM	SPECIFIED	APPROVED EQUAL
Hinges	Ives	Bommer, Stanley
Locksets	Schlage	No Substitution
Exit Device	Von Duprin	No Substitution
Closers	LCN	No Substitution
Automatic Openers	LCN	Horton, Besam
Flatgoods	Ives	Burns, Rockwood
Stops	Ives	Burns, Rockwood
Overhead Stops	Glynn Johnson	Rixson
Thresholds	National Guard	Zero, Reese
Weatherstrip	National Guard	Zero, Reese

2.5 FINISHES

- A. Provide matching finishes for hardware units at each door to the greatest extent possible, unless otherwise indicated. In general, match items to the finish for the latch, lock or push pull unit for color and texture.
- B. Hardware finishes as follows:
 - 1. 612 - Satin Bronze.

2.6 KEYING

- A. Keying of locks and cylinders throughout project shall be provided by owner.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Wood Doors: Comply with DHI A115-W series.

3.3 INSTALLATION

- A. Installation shall be by a qualified installer with a minimum five (5) years experience in the installation of commercial grade hardware. Manufacturer's instructions shall dictate templating and installation.
- B. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:
 - 1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."

2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
- C. Prior to hardware installation, the General Contractor shall setup a meeting with the Hardware Supplier and the Hardware installer to ensure the installer has and understands the manufacturers installation requirements for all hardware items
- D. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 09 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.
 1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
 2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- E. Key Control System: Place keys on markers and hooks in key control system cabinet, as determined by final keying schedule.
- F. Boxed Power Supplies: Locate power supplies as indicated or, if not indicated, above accessible ceilings. Verify location with Architect prior to installation.
- G. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants."

3.4 FIELD QUALITY CONTROL

- A. Perform final inspection with hardware installer and hardware supplier present to ensure correct installation and operation, and check for any damaged or defective items. Observe and inspect that all hardware has been installed to its correct destination in proper working order.
- B. Independent Architectural Hardware Consultant: Owner reserves the right to engage a qualified independent Architectural Hardware Consultant to perform a separate independent inspection and to prepare an inspection report.

3.5 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended.
 1. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
 2. Door Closers: Adjust door closers immediately upon installation. Adjust in exact conformance with manufacturer's printed instructions. Advance backcheck to eliminate shock at dead stop. Set closer latching speed to assure unassisted positive latching.
 - a. Degree of swing of door for self-limiting closers shall be maximum available.
 3. Adjust all exit devices immediately upon installation. Adjust in exact conformance with manufacturers' printed instructions.
 4. Seal weather protection components attached to the exterior sides of doors and frames, such as drip caps and weather-stripping, in place with clear silicone caulk in such a manner as to ensure a continuously filled seam throughout the joinery.
 5. Cut and fit weatherstripping accurately to provide the greatest possible continuity of the contact element. Adjust closer template as required.
- B. At completion of the installation and prior to Substantial Completion, make final adjustments to door closures and other items of hardware. Leave all hardware clean and fully operable. Should any item be found to be defective, it shall be repaired or replaced as directed.

- C. Occupancy Adjustment: Approximately three months after date of Substantial Completion, Installer's Architectural Hardware Consultant shall examine and readjust, including adjusting operating forces, each item of door hardware as necessary to ensure function of doors, door hardware, and electrified door hardware.

3.6 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by door hardware installation.
- B. Clean operating items as necessary to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of Substantial Completion.

3.7 DEMONSTRATION

- A. Instruct Owner's Personnel in proper adjustment and maintenance of hardware and hardware finishes, during the final adjustment of hardware.
- B. After hardware is installed and adjusted, the Supplier shall inspect the job with the Architect and the General contractor to determine if the hardware is functioning properly

3.8 HARDWARE SCHEDULE

- A. Refer to Part 4 for Door Hardware Schedule.
- B. The hardware sets listed below represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process.

PART 4 - HARDWARE SCHEDULE

NOTE: VERIFY EXISTING FINISH AND LEVER STYLE. PROVIDE HARDWARE TO MATCH.

HARDWARE SET 01

DOOR NUMBER:

101 106 107 201 202 205

EACH TO HAVE:

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QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HW HINGE	5BB1HW 4.5 X 4.5	MATCH EXIST	IVE
1	EA	CLASSROOM SECURITY	REINSTALL EXISTING	612	SCH
1	EA	OH STOP	90S	MATCH EXIST	GLY
1	EA	SURFACE CLOSER	4011	MATCH EXIST	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	MATCH EXIST	IVE
1	EA	WALL STOP	WS406/407CCV	MATCH EXIST	IVE
1	EA	GASKETING	488S-BK	S-BK	ZER

HARDWARE SET 02

DOOR NUMBER:

105 203

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HW HINGE	5BB1HW 4.5 X 4.5	MATCH EXIST	IVE
1	EA	CLASSROOM SECURITY	REINSTALL EXISTING	612	SCH
1	EA	SURFACE CLOSER	4011	MATCH EXIST	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	MATCH EXIST	IVE
1	EA	WALL STOP	WS406/407CCV	MATCH EXIST	IVE
1	EA	GASKETING	488S-BK	S-BK	ZER

HARDWARE SET 03

DOOR NUMBER:

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104 204

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HW HINGE	5BB1HW 4.5 X 4.5	MATCH EXIST	IVE
1	EA	OFFICE/ENTRY LOCK	L9050P 17A	612	SCH
1	EA	OH STOP	90S	MATCH EXIST	GLY
1	EA	SURFACE CLOSER	4011	MATCH EXIST	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	MATCH EXIST	IVE
1	EA	GASKETING	488S-BK	S-BK	ZER

HARDWARE SET 04

DOOR NUMBER:

104A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HW HINGE	5BB1HW 4.5 X 4.5	MATCH EXIST	IVE
1	EA	PRIVACY W/COIN TURN	L9044 17A	612	SCH
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	MATCH EXIST	IVE
1	EA	WALL STOP	WS406/407CCV	MATCH EXIST	IVE
3	EA	SILENCER	SR64	GRY	IVE

HARDWARE SET 05

DOOR NUMBER:

DOOR HARDWARE

Bonner Springs Schools
 McDaniel Learning Center Renovation

102 103

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HW HINGE	5BB1HW 4.5 X 4.5	MATCH EXIST	IVE
1	EA	PUSH/PULL LATCH	HL6 9070 2 3/4" A	612	GLY
1	EA	MORTISE CYLINDER	20-091	MATCH EXIST	SCH
1	EA	SURFACE CLOSER	4011	MATCH EXIST	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	MATCH EXIST	IVE
1	EA	WALL STOP	WS406/407CCV	MATCH EXIST	IVE
1	EA	GASKETING	488S-BK	S-BK	ZER

HARDWARE SET 06

DOOR NUMBER:

203A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HW HINGE	5BB1HW 4.5 X 4.5	MATCH EXIST	IVE
1	EA	CLASSROOM SECURITY	L9071P 17A L283-711 INSIDE INDICATOR	612	SCH
1	EA	SURFACE CLOSER	4011	MATCH EXIST	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	MATCH EXIST	IVE
1	EA	WALL STOP	WS406/407CCV	MATCH EXIST	IVE
1	EA	GASKETING	488S-BK	S-BK	ZER

END OF SECTION 087100