

SHAFER & ASSOCIATES

OFFICE OF ARCHITECTURE

August 8, 2016
REBID Renovations to Starkville Police Department
Starkville, MS

Addendum No. 1

This Addendum forms part of the Contract Documents for the above referenced project. All other requirements of the original Contract Documents shall remain in effect except as specifically modified in this Addendum. Bidder is to acknowledge receipt of this Addendum with their bid proposal. Failure to do so may subject the Bidder to disqualification. This Addendum is issued to all known Plan Holders.

1. A Pre-Bid Meeting was held on August 1, 2016. See this addendum for resolution of questions asked and other information discussed at this meeting. See the Pre-Bid Conference Meeting Minutes and Pre-Bid Conference Attendance Roster attached.
2. Specifications:
 - a. Section 00300: **Revise** Bid Form, see attached.
 - b. Section 07722 ROOF HATCH, Paragraph 2.02 ROOF HATCH, **revise** size to 30"x36"
 - c. Section 08710 FINISH HARDWARE: **delete and replace** Section 3.5 with attached revised Section 3.5
 - d. **ADD** Section 09552 WOOD FLOOR RESTORATION, attached.
 - e. Section 10241 ALUMINUM LOUVER FENCE: **delete in its entirety.**
 - f. Section 10350 GROUND SET FLAGPOLES: **delete Paragraph 3.3**
 - g. Section 10800 TOILET ACCESSORIES: **revise** Paragraph 3.03 SCHEDULES:

ITEM	MODEL #
A. Grab Bar - 42" (1at ADA fixture only)	Gamco: Bright Polished "B"
B. Grab Bar - 36" (1 at ADA fixture only)	Gamco: Bright Polished "B"
C. Toilet Tissue Dispenser (1each stall) (Confirm Owner's current standards)	Bradley: Model 5424 (S. Steel)
D. Solid Plastic Toilet Partition	Specification Section 10155
E. Mirror - Std (1 above each Std lavatory)	Meek: M-1210 Satin Finish 18" X 36"
F. Mirror - ADA (1 above each ADA lavatory)	Meek: M-4400 Satin Finish 18 X 36"
G. Solid Plastic Urinal Screen	Specification Section 10155
H. Mop Hanger/Rack	Bradley: Model 9955 (2 mop, 2 broom) (confirm max. length on drawings)
I. FEMININE NAPKIN DISPOSAL	Bradley: Model 4781-15, Satin SS
J. Hand Soap Dispenser	Bradley: Model 6A01-11, Satin SS
K. Recessed Paper Towel & Trash Dispenser	Bradley: Model 2291 Recessed Bradex
L. Sensor Operated Hand Sanitizer	Purell 2790-12-EEU00 or equal
O. Sensor Operated Hand Dryer	Bobrick B-7128 ADA Surface Mounted Satin SS Finish
P. Baby Changing Station	Koala Kare Vertical Wall Mounted Changing Table, KB101-05

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3. Drawings:

- a. Sheet S002, CONCRETE REPAIRS Paragraph 7: **Add** 7.3 "In addition to unit rates for repair, the Contractor shall include 150' of epoxy injection repairs and 20 square feet of concrete patch repairs in their Base Bid price"
- b. Sheet S101: **Delete** new slab w/depression for walk off mat in Stair 148.
- c. Sheet A005, **REVISE 3/A005**: New fencing and gate shall be 6'-0" Chain link per Section 02831
- d. Sheet A151:
 - i. **Delete** note for flush walk off mat in Lobby 101.
 - ii. **Add** note in Storage 136: "Repair, patch, infill and refinish existing wood stair to remain to match existing floor"
- e. Sheet A222 and A223:
 - i. **Delete** tile size dimensions from interior elevation notes.
 - ii. **Add** Note: 'SEE FINISH SCHEDULE AND SPECIFICATIONS FOR WALL TILE SIZES'
- f. Sheet A223: **Delete** details 9, 10, 11, and 12
- g. Sheet A401: **Revise 7/A401**: Provide additional urinal screen as shown in 18/A222
- h. Sheet A411: **Revise** 8,9/A411: New wall mounted handrail shall be stainless steel – see interior elevations.
- i. Sheet A412: **REVISE 3/A412** per attached AD-1
- j. Sheet A601:
 - i. Openings 101D, 101E and 101F: **Revise** frame material to Steel.
 - ii. **REVISE Key Note 8** "PROVIDE FRAME W/ DOOR STOP AND DOOR FLUSH TO HOISTWAY, AND ALL HARDWARE IN ACCORDANCE WITH ASME A18 AND LIFT MANUFACTURER RECOMMENDATIONS".
- k. Sheet A611: **Revise** Room 135 Floor Finish to 'CT2'
- l. Sheet M003: **Revise** Power Ventilator Schedule, add ceiling fans to schedule – see attached SKM-01
- m. Sheet E004: **Revise** breaker size serving ATS1 to 225A-3p
- n. Sheet E005: **Clarification** – Panel "E1A" is 225A MLO as indicated in Note 1 on the Panel Schedules. Panel was noted at 400A at another location.

Contents: This addendum consists of **27** sheets.

End of Addendum No. 1 for: REBID Renovations to Starkville Police Department

SHAfer & ASSOCIATES

OFFICE OF ARCHITECTURE

PRE-BID CONFERENCE MEETING MINUTES

Project: REBID Renovations to Starkville Police Department
MDAH Project #05-144-16

Date/Time: August 1, 2016 @ 10:00 am

Location: Starkville Police Department, 101 E Lampkin St, Starkville, MS 39759

Present: See attached sign-in sheet

1. Project Team:
 - Shafer & Associates, PLLC: Gary Shafer, Principle in Charge; Sally Zahner, Project Architect
 - Structural Design Group: Jeff Viano, PE 615.255.5537
 - Corbett Legge & Associates, PLLC: Creig Corbett, PE, Mechanical/Plumbing 662-844-7144
 - Corbett Legge & Associates, PLLC: Joe Legge, PE, Electrical 662-844-7144
 - Pritchard Engineering, Inc.: Jason Morgan, EI, Civil 662-324-2205
2. Bid Date: August 11, 2016 at 2:00 pm @ City Clerk's Office, 110 West Main Street, Starkville, MS 39759 (see **Advertisement For Bids, Section 00000** for official information). Official Time is by the City Clerk's Office.
 - Current Bidders List: **10 current** General Contractors
 - Construction days: **270** calendar days for project (see *Proposal Form*)
 - Notice to Proceed – by City of Starkville **AUGUST 16**. Must hold price per specifications.
 - Planholders list available online from Jackson Blue (planroom.jaxblue.com)
3. Instructions to bidders
 - Proposed addendum dates: Before 2:00 p.m. Monday, August 8, 2016
 - Substitutions: Review section 01010
4. Contract Administration: Architects will be on site to inspect weekly.
 - Construction Progress Meetings held monthly as required by Division 1.
5. Scope of work: Entire interior demolition and renovation, exterior restoration, site work, including new structural, mechanical, electrical, plumbing and fire protection systems.
 - There are (2) Additive Bid Alternates
 - There is significant utility work, including new pole installation in and around the Job Site, which will be done prior/during the timeline of this project, and will require additional coordination of work. The Architect and Owner will help the Contractor coordinate; to be addressed further in the Pre-Construction Meeting.
 - MDAH Project – **MDAH permitting project, no other involvement until construction is complete**
6. VE Items: See attached List
7. Construction Access and Special Phasing; Discuss:
 - Staging Areas/Fencing/Access/Construction Sign: **Discussed/to be addressed**
 - i. **Maintain right of ways in adjacent street/alley**
 - ii. **Lay down areas, parking, fencing locations to be addressed in the Pre-Construction Meeting with Owner's representative**
8. Bidding rules: Pay attention to *Instructions To Bidders*
9. Common mistakes:
 - Certificate of Responsibility and Contractor's License number on envelope.
 - Any changes to bid on outside of envelope. Initial and date.
 - Acknowledge addenda.
10. Questions
 - CSpire Contact? – Seth Hart, jshart@cspire.com
 - Climate control maintained in the building throughout construction? – No, not required.
 - Access to site prior to Bid allowed? – If site visit is requested, contact Shafer & Associates.
 - Addendum 1 will be issued prior to 2pm, August 8.
11. Walk through of existing facility and site

SIGN-IN SHEET

Project:

REBID Renovations to Starkville Police Department

Meeting Date:

August 1, 2016, 10:00am

PRE-BID MEETING

Place/Room:

Starkville Police Department

Name	Company	Phone	E-Mail
Gary Shafer	Shafer & Associates	323-1628	gshafer@shafer-architecture.com
Sally Zahner	Shafer & Associates	323-1628	szahner@shafer-architecture.com
Brian Hiles	David Smith Const	662-836-6736	bsmith@smithconstructioninc.com
Tom Sneed	Tim Snel	662-514-0147	tom@sneed@tel.com
Greg Whitham	Whithams Construction Inc.	662-327-1402	greg@whithamsconstruction.com
John Hudson	Whithams	662-327-1402	j.hudson@whithams.com
Charles Foster	Fullbright Inc	661-345-0000	charles@fullbright.com
Wayne Howell	M.S. Elza.	662-401-2329	wayne.howell@mselza.com
Alan Greenery	Greenery Const	662-328-2225	estimating@greeneryconstruction.com
Terry Causey	Kirk Elec.	662-401-5112	kirk@kirkelc@gmail.com
Art Buete	Moses Elec.	601-939-9473	abuete@moseselectrical.net
Dale Brewer	R-D Plumbing	662-328-2830	rdplumbing@bblcable.com
Richard Linley	North East Exterminating	662-323-5232	mail@northeastexterminating.com
Sammy Doreley	S/W Electric	662-455-2060	sdoreley@bellsouth.net

GENERAL CONSTRUCTION BID FORM

DATE: _____

Proposal of: _____

Project: Rebid Renovations to Starkville Police Department**Owner:** City of Starkville

Having carefully examined the Contract Documents, **Rebid Renovations to Starkville Police Department** prepared by Shafer & Associates, PLLC and dated July 14, 2016 as well as the premises and conditions affecting the work, the undersigned proposes to furnish labor, materials and services required by the Contract Documents for the sum of:

BASE BID:

THE BASE BID FOR THIS PROJECT INCLUDES THE INTERIOR DEMOLITION AND RENOVATION WHICH INCLUDES, BUT IS NOT LIMITED TO NEW STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION SYSTEMS, NEW ADMINISTRATIVE AND OPERATIONS SPACES, EXTERIOR RESTORATION, ROOF AND WINDOW REPLACEMENT, SITE AND ACCESSIBILITY IMPROVEMENTS, AND ALL ASSOCIATED WORK NOT SPECIFICALLY NOTED AS AN ADD ALTERNATE, AS SPECIFIED IN THE CONTRACT DOCUMENTS.

_____ Dollars

(\$ _____)

UNIT COSTS:**UNIT COST #1:**

PROVIDE A UNIT PRICE PER SQUARE FOOT FOR ALL LABOR AND MATERIALS TO REMOVE AND REPLACE UNFORESEEN EXISTING DETERIORATED CONCRETE PER STRUCTURAL CONCRETE PATCH REPAIR NOTES AS PROVIDED IN THE CONTRACT DOCUMENTS. INCLUDE ALL COSTS ASSOCIATED WITH OVERHEAD, TAXES, BOND, INSURANCE, AND OTHERWISE AS REQUIRED BY THE PROJECT MANUAL. THE CONTRACTOR IS TO ASSUME THE REPAIR AND REPLACEMENT OF 20 SQUARE FEET OF CONCRETE IN HIS BID. IN THE EVENT LESS THAN 20 SQUARE FEET OF UNFORESEEN REPLACEMENT AND/OR REPAIR IS REQUIRED, IT WILL BE REMOVED FROM THE CONTRACT AT SQUARE FOOT RATE LISTED IN THIS UNIT COST. IN THE EVENT THAT MORE THAN 20 SQUARE FEET OF REPLACEMENT IS REQUIRED, IT WILL BE ADDED TO THE CONTRACT AT SQUARE FOOT RATE LISTED IN THIS UNIT COST. THIS UNIT COST DOES NOT COVER THE AREAS THAT ARE SPECIFICALLY INDICATED AS REQUIRING CONCRETE PATCH REPAIR OR VISIBLY DETERIORATED AS NOTED IN THE CONTRACT DOCUMENTS. THESE AREAS THAT ARE SPECIFICALLY INDICATED TO BE REPLACED SHALL BE INCLUDED IN THE BASE BID PRICE.

_____ Dollars/Square Foot

(\$ _____)

UNIT COST #2:

PROVIDE A UNIT PRICE PER LINEAR FOOT FOR ALL LABOR AND MATERIALS TO REPAIR UNFORESEEN EXISTING DETERIORATED CONCRETE BY EPOXY INJECTION PER STRUCTURAL CONCRETE REPAIR NOTES AS PROVIDED IN THE CONTRACT DOCUMENTS. INCLUDE ALL COSTS ASSOCIATED WITH OVERHEAD, TAXES, BOND, INSURANCE, AND OTHERWISE AS REQUIRED BY THE PROJECT MANUAL. THE CONTRACTOR IS TO ASSUME THE REPAIR OF 150 LINEAR FEET OF CONCRETE BY EPOXY INJECTION IN HIS BID. IN THE EVENT LESS THAN 150 LINEAR FEET OF UNFORESEEN EPOXY INJECTION REPAIR IS REQUIRED, IT WILL BE REMOVED FROM THE CONTRACT AT LINEAR FOOT RATE LISTED IN THIS UNIT COST. IN THE EVENT THAT MORE THAN 150 LINEAR FEET OF EPOXY INJECT REPAIR IS REQUIRED, IT WILL BE ADDED TO THE CONTRACT AT LINEAR FOOT RATE LISTED IN THIS UNIT COST. THIS UNIT COST DOES NOT COVER THE AREAS THAT ARE SPECIFICALLY INDICATED AS REQUIRING EPOXY INJECTION REPAIR OR VISIBLY DETERIORATED AS NOTED IN THE CONTRACT DOCUMENTS. THESE AREAS THAT ARE SPECIFICALLY INDICATED TO BE REPLACED SHALL BE INCLUDED IN THE BASE BID PRICE.

_____ Dollars/Linear Foot

(\$ _____)

ADD ALTERNATES:

ADDITIVE ALTERNATE #1:

THE SCOPE OF WORK ADDED TO THE BASE BID TO CONSTRUCT SIDEWALK IMPROVEMENTS, EXTERIOR LIGHTING AND LANDSCAPE FEATURES AT SOUTH SIDE OF BUILDING; AND ALL ASSOCIATED WORKS AS SPECIFIED IN THE CONTRACT DOCUMENTS.

Add: _____ Dollars

(\$ _____)

ADDITIVE ALTERNATE #2:

THE SCOPE OF WORK ADDED TO THE BASE BID TO CONSTRUCT NEW PARKING LOT PAVEMENT AT EAST SIDE OF BUILDING; AND ALL ASSOCIATED WORKS AS SPECIFIED IN THE CONTRACT DOCUMENTS.

Add: _____ Dollars

(\$ _____)

COMPLETION TIME:

Time of Completion is an important consideration on this project. The base bid portion shall be substantially complete within **270 consecutive calendar days** from the date of issuance of the "proceed order".

BID SECURITY:

Enclose a Bid Bond signed by a Mississippi Resident Agent or a certified check made payable to the **City of Starkville** in an amount equal to at least 5% of the Base Bid, guaranteeing execution and delivery of a Contract, Contract Bond and Certificate of Insurance within 10 days as specified in accordance with Instructions to Bidders 1.04.

ADDENDA

Receipt of the following Addenda is acknowledged:

No. _____	Date: _____
No. _____	Date: _____
No. _____	Date: _____
No. _____	Date: _____
No. _____	Date: _____

BIDDER QUALIFICATIONS:

I certify that I meet all qualifications specified for this project, and that for Base Bids exceeding \$50,000.00, I possess a Mississippi Certificate of Responsibility valid for this project. Mississippi Certificate of Responsibility Number _____.

NOTE: When the bidder is a joint venture, the joint venture Mississippi Certificate of Responsibility Number is _____, or the joint venture member firms and their respective Mississippi Certificate of Responsibility Numbers are _____.
Bidder certifies that he/she is a:

_____	Resident Contractor
	or
_____	Non-Resident Contractor

SUBCONTRACTORS

Mechanical _____
Certificate of Responsibility # _____

Plumbing _____
Certificate of Responsibility # _____

Electrical _____
Certificate of Responsibility # _____

ACCEPTANCE:

I agree to hold this proposal open for acceptance for **45** days after the bid date, and certify that I am authorized to enter my firm into a binding contract if this proposal is accepted.

Signature: _____ Date: _____

Name & Title: _____

Firm: _____
(Exact name of firm corresponding to Mississippi Certificate of Responsibility Number and Bid Bond as applicable, and as it is to appear in a contract.)

TO BE COMPLETED IF A CORPORATION:

_____ (Company Name) Our Corporation
is chartered under the laws of the State of _____, and the names, titles, and
business addresses of the executives are as follows.

President Address

Secretary Address

Treasurer Address

TO BE COMPLETED IF A PARTNERSHIP:

Our Partnership is composed of the following individuals:

Name Address

Name Address

Name Address

TO BE COMPLETED IF A SOLE PROPRIETORSHIP

_____ (Company Name)

Name Address

END OF DOCUMENT 00300

Revision to SECTION 08 71 00 DOOR HARDWARE

3.5 SCHEDULE OF FINISH HARDWARE:

Manufacturer List

<u>Code</u>	<u>Name</u>
AB	ABH Manufacturing Inc.
BE	Best Access Systems
BY	By Others
NA	National Guard
PR	Precision
SD	Stanley Door Closers
ST	Stanley
TR	Trimco
S2	S2 Security
AP	Aiphone
SEC	Securitron

Option List

<u>Code</u>	<u>Description</u>
C	Quick Connect Wiring System
CD	CYLINDER DOGGING
FL	Fire Exit Hardware
TS	TOUCHBAR MONITORING SWITCH
36"	36" Door Width
B4E	BEVELED 4 EDGES - KICK PLATES
CSK	COUNTER SINKING OF KICK and MOP PLATES
ELR	ELECTRIC LATCH RETRACTION
LBR	LESS BOTTOM ROD
RQE	REQUEST TO EXIT
VIN	Visual Indicator
VIT	Visual Indicator Thumb-Turn
S301	OPT. ROLLER. STRK - RIM AND TOP OF SVR
S458	OPT. ROLLER. STRIKE - RIM DEVICES
SNB (2)	SEX BOLTS (2)
SNB (4)	SEX BOLTS (4)
SNB (6)	SEX BOLTS (6)
EPT Prep	EPT Prep (full mortise)

Finish List

<u>Code</u>	<u>Description</u>
AL	Aluminum
626	Satin Chromium Plated
630	Satin Stainless Steel
689	Aluminum Painted
GREY	Grey
BLACK	Black
US26D	Chromium Plated, Dull
US32D	Stainless Steel, Dull

Hardware Sets

SET #1

Doors: 101A, 101B, 101C, 148A

3 Hinges	FBB191 4 1/2 X 4 1/2 NRP	US32D	ST
1 Exit Device	2103 X 1703C 36" CD S458 SNB (2)	630	PR
1 Rim Cylinder	12E-72 PATD	626	BE
1 Mortise Cylinder	1E-74 PATD	626	BE
1 Door Closer	CLD-4550 CS	689	SD
1 Door Sweep	C627 A 36"		NA
1 Gasketing	127 SA 1 x 36" 2 x 84"		NA
1 Saddle Threshold	425 36"	AL	NA
1 Threshold	896 S 36"	AL	NA

NOTE: (@ Dr #148A)

1 lot Permanent keys and cores to be Installed by Bidder in this Section 08710

SET #2

Doors: 101H

3 Hinges	FBB191 4 1/2 X 4 1/2 NRP	US32D	ST
1 Lockset	45H-7T14H PATD	630	BE
1 Door Closer	CLD-4550 CS	689	SD
1 Kick Plate	K0050 5" x 34" B4E CSK	630	TR
1 Gasketing	127 SA 1 x 36" 2 x 84"		NA
1 Door Sweep	C627 A 36"		NA
1 Drip Cap	16 A - 4" ODW		NA
1 Saddle Threshold	425 36"	AL	NA
3 Door Silencers	1229B	GREY	TR

1 lot Permanent keys and cores to be Installed by Bidder in this Section 08710

NOTE: Door and frame in accordance with ASME A18

SET #3

Doors: 101J

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Passage Set	9K3-0N14D	626	BE
1 Door Closer	CLD-4550 EDA	689	SD
1 Kick Plate	K0050 5" x 34" B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
3 Door Silencers	1229B	GREY	TR

NOTE: Door and frame in accordance with ASME A18

SET #4

Doors: 103A

6 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Exit Device	2208 X V4908D 36" CD LBR S301 SNB (4)	630	PR
1 Exit Device	2202 X 4902D 36" CD LBR S301 SNB (4)	630	PR
1 Rim Cylinder	12E-72 PATD	626	BE
2 Mortise Cylinder	1E-74 PATD	626	BE
2 Door Closer	CLD-4550 CS	689	SD
2 Kick Plate	K0050 5" x 35" B4E CSK	630	TR
1 lot Permanent keys and cores to be Installed by Bidder in this Section 08710			

SET #5

Doors: 103B

2 Dummy Trim	9K-01DT14D	626	ST
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NOTE: Balance of Hardware to fix door inoperable as supplied by General Contractor.

SET #6

Doors: 104A, 109A, 115A, 117A, 121A, 124A, 127A, 136B, 139A, 140A, 142B, 144A, 145A, 146A, 147A, 153B, 157A, 159A, 172A, 205A, 227A, 228A, 246A, 253A, 262A, 263A

3 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Lockset	9K3-7D14D PATD	626	BE
1 Door Closer	CLD-4550 CS	689	SD
NOTE: (@ Dr 109A, 157A, 159A)			
1 Door Closer	CLD-4550 STD W/PA BRKT	689	SD
NOTE: (@ Dr. # 004A, 127A, 136B, 139A, 142B, 153B, 140A, 144A, 145A, 146A, 147A, 205A, 227A, 228A, 246A, 253A, 262A)			
1 Kick Plate	K0050 5" x 34" B4E CSK	630	TR
NOTE: (@ Dr. #104A, 253A)			
1 Kick Plate	K0050 8" x 34" B4E CSK	630	TR
NOTE: (@ Dr. #004A, 127A, 139A, 142B, 173A, 172A, 246A, 262A)			
1 Gasketing	127 SA 1 x 36" 2 x 84"		NA
NOTE: (@ Dr. #004A, 104A, 253A)			
1 Gasketing	5050 C 1 x 36" 2 x 84"		NA
NOTE: (@ Dr. #109A, 115A, 117A, 121A, 124A, 142B, 157A, 159A, 173A, 227A, 228A, 246A, 262A)			
3 Door Silencers	1229A	GREY	TR
NOTE: (Silencers as needed when gasketing is not used.)			
1 lot Permanent keys and cores to be Installed by Bidder in this Section 08710			

SET #7

Doors: 105A

3 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Lockset	9K3-7D14D PATD	626	BE
1 Overhead Stop	4423	US32D	AB
3 Door Silencers	1229B	GREY	TR
NOTE: (@ Dr. #251A, 252A, 254A, 256A)			

1lot Permanent keys and cores to be Installed by Bidder in this Section 08710

SET #8

Doors: 106A, 107A, 135A, 171A, 218A, 219A, 245A, 249A

3 Hinges	FBF191 4 1/2 X 4 1/2	US32D	ST
1 Privacy Set	45H-0L14H VIN VIT	630	BE
1 Kick Plate	K0050 5" x 35" B4E CSK	630	TR
1 Coat Hook	3071	630	TR
1 Gasketing	5050 C 1 x 36" 2 x 84"		NA
3 Door Silencers	1229B	GREY	TR

NOTE: (@ Dr. #251A, 252A, 254A, 256A)

SET #9

Doors: 110A, 111A, 112A, 113A, 163A, 167A, 177A, 178A, 207A, 208A, 211A, 212A, 220A, 222A, 229A, 231A, 232A, 233A, 234A, 236A, 237A, 238A, 239A, 240A, 241A, 242A, 244A, 250A, 255A, 259A, 260A, 264A, 265A

3 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Lockset	9K3-7AB14D PATD	626	BE
1 Wall Bumper	1270CV	626	TR
1 Coat Hook	3071	630	TR
3 Door Silencers	1229A	GREY	TR

1 lot Permanent keys and cores to be Installed by Bidder in this Section 08710

SET #10

Doors: 123A, 125A, 141A, 160A, 214A

3 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Lockset	9K3-7R14D PATD	626	BE
1 Door Closer	CLD-4550 STD W/PA BRKT	689	SD
NOTE: (@ Dr. #160A, 214A)			
1 Door Closer	CLD-4550 EDA	689	SD
1 Kick Plate	K0050 8" x 34" B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
3 Door Silencers	1229A	GREY	TR

1 lot Permanent keys and cores to be Installed by Bidder in this Section 08710

SET #11

Doors: 168A

3 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Lockset	9K3-7R14D PATD	626	BE
1 Overhead Stop	4423	US32D	AB
NOTE: (Pull Side Mount)			
3 Door Silencers	1229A	GREY	TR

1 lot Permanent keys and cores to be Installed by Bidder in this Section 08710

SET #12

Doors: 150A, 152A

3 Hinges	FBF191 4 1/2 X 4 1/2	US32D	ST
1 Push Plate	1001-3	630	TR
1 Pull Plate	1018-3	630	TR
1 Door Closer	CLD-4550 STD W/PA BRKT	689	SD
1 Mop Plate	KM050 6" x 35" B4E CSK	630	TR
1 Kick Plate	K0050 8" x 34" B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
3 Door Silencers	1229A	GREY	TR

SET #13

Doors: 174A

6 Hinges	FBF191 4 1/2 X 4 1/2 NRP	US32D	ST
2 Flush Bolt	3917-12	626	TR
1 Electro-mech Lock	45HW-7DEU14H PATD C RQE	630	BE
1 Door Closer	CLD-4550 CS	689	SD
2 Kick Plate	K0050 5" x 35" B4E CSK	630	TR
1 Gasketing	127 SA 1 x 64" 2 x 84"		NA
1 Drip Cap	16 A 68"		NA
1 Threshold	896 V 64"	AL	NA
1 Elec Power Transfer	CEPT-10	CL	SEC
1 Power Supply	BPS-24		SEC
2 Door Position Switch	1076		GE
1 ProxCard Reader	I-CLASS RP-40		HID
1 lot Installation of the Electronic Hardware, Providing & Pulling of Cable & Access Control by Bidder in this 08710 Section			
1 lot Permanent keys and cores to be Installed by Bidder in this Section 08710			

NOTE: All wiring as supplied and installed per Section 260000 and Section 280000.

SET #14

Doors: 119A, 154A

2 Continuous EPT Hinge	661HD UL 83" EPT Prep	AL	ST
1 Exit Device	ELR TS 2103 36" CD S458	630	PR
1 Exit Device	TS 2102 36" CD S458	630	PR
2 Rim Cylinder	12E-72 PATD	626	BE
2 Mortise Cylinder	1E-74 PATD	626	BE
2 Door Pull	1194-4	630	TR
2 Door Closer	CLD-4550 CS	689	SD
1 Removable Mullion	KR822	689	PR
1 Gasketing	127 SA 1 x 72" 2 x 84"		NA
1 Drip Cap	16 A 76"		NA
2 Door Sweep	C627 A 36"		NA
1 Threshold	896 S 72"	AL	NA
2 Elec. Power Transfer	CEPT-10	CL	SEC
1 Power Supply	ELR-151		PR
2 Door Position Switch	1076		GE
1 ProxCard Reader	I-CLASS RP-40		HID
1 lot Installation of the Electronic Hardware, Providing & Pulling of Cable & Access Control by Bidder in this 08710 Section			
1 lot Permanent keys and cores to be Installed by Bidder in this Section 08710			

SET #15

Doors: 128A

1	Continuous Hinge	661HD UL 83" EPT Prep	AL	ST
1	Power Transfer	CEPT-10C		SEC
1	Exit Device	ELR TS 2103 X 1703C 36" CD S458 SNB (2)	630	PR
1	Rim Cylinder	12E-72 PATD	626	BE
1	Mortise Cylinder	1E-74 PATD	626	BE
1	Door Closer	CLD-4550 CS	689	SD
1	Kick Plate	K0050 8" x 34" B4E CSK	630	TR
1	Power Supply	ELR151		PR
1	Gasketing	5050 C 1 x 36" 2 x 84"		NA
1	Threshold	896 S 36"	AL	NA
1	Audio/Video Intercom	JP-SERIES Vandal with Remote Release	AL	AP
1 lot	Installation of the Electronic Hardware, Providing & Pulling of Cable & Access Control by Bidder in this 08710 Section			
1 lot	Permanent keys and cores to be Installed by Bidder in this Section 08710			

NOTE: All wiring as supplied and installed per Section 260000 and Section 280000.

SET #16

Doors: 122A

6	Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1	Exit Device	ELR TS 2103 X 4903D 36" CD S458 SNB (2)	630	PR
1	Exit Device	TS 2102 36" CD S458	630	PR
2	Rim Cylinder	12E-72 PATD	626	BE
2	Mortise Cylinder	1E-74 PATD	626	BE
2	Door Closer	CLD-4550 CS	689	SD
1	Removable Mullion	KR822	689	PR
1	Power Supply	ELR151		PR
2	Door Silencers	1229B	GREY	TR
	NOTE: (@ Dr. #251A, 252A, 254A, 256A)			
1	Audio/Video Intercom	JP-SERIES Vandal with Remote Release	AL	AP
2	Elec. Power Transfer	CEPT-10	CL	SEC
2	Door Position Switch	1076		GE
1	ProxCard Reader	I-CLASS RP-40		HID
1 lot	Installation of the Electronic Hardware, Providing & Pulling of Cable & Access Control by Bidder in this 08710 Section			
1 lot	Permanent keys and cores to be Installed by Bidder in this Section 08710			

NOTE: All wiring as supplied and installed per Section 260000 and Section 280000.

SET #17

Doors: 119B

2	Continuous Hinge	661HD UL 83"	AL	ST
2	Exit Device	FL 2214 X 4914D LBR SNB (6)	630	PR

2	Door Closer	CLD-4550 CS	689	SD
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SET #18

Doors: 123B, 170A, 179A

3	Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1	Elec. Power Transfer	CEPT-10	CL	SEC
1	Electro-mech Lock	9K3-7DEL14D PATD C RQE	630	BE
1	Door Closer	CLD-4550 EDA	689	SD
1	Kick Plate	K0050 8" x 34" B4E CSK	630	TR
1	Wall Bumper	1270CV	626	TR
1	Gasketing	127 SA 1 x 36" 2 x 84"		NA
1	Power Supply	BPS-24		SEC
1	Audio/Video Intercom	JP-SERIES Vandal with Remote Release	AL	AP
1	Door Position Switch	1076		GE
1	ProxCard Reader	I-CLASS RP-40		HID
1 lot	Installation of the Electronic Hardware, Providing & Pulling of Cable & Access Control by Bidder in this 08710 Section			
1 lot	Permanent keys and cores to be Installed by Bidder in this Section 08710			

NOTE: All wiring as supplied and installed per Section 260000 and Section 280000.

SET #19

Doors: 126A

3	Hinge	CB179-18 4 1/2 x 4 1/2	US26D	ST
1	Electro-mech Lock	45HW-7WEL14H PATD C-REX	630	BE
1	Door Closer	CLD-4550 STD W/PA BRKT	689	SD
1	Kick Plate	K0050 8" x 34" B4E CSK	630	TR
1	Wall Bumper	1270CV	626	TR
3	Door Silencers	1229A		GREY
1	Power Supply	BPS-24		SEC
1	Door Position Switch	1076		GE
1	ProxCard Reader	I-CLASS RP-40		HID
1 lot	Installation of the Electronic Hardware, Providing & Pulling of Cable & Access Control by Bidder in this 08710 Section			
1 lot	Permanent keys and cores to be Installed by Bidder in this Section 08710			

NOTE: All wiring as supplied and installed per Section 260000 and Section 280000.

SET #20

Doors: 129A, 130A, 131A, 132A

NOTE: All hardware devices to hang, secure, close and gasket these doors are supplied by Detention Door and Frame Supplier.

SET #21

Doors: 136A

1 Dummy Trim	9K-01DT14D	626	BE
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NOTE: Balance of Hardware to fix door inoperable as supplied by General Contractor.

SET #22

Doors: 138A, 139B, 141B

NOTE: All hardware devices to hang, secure, close and gasket these doors are supplied by Overhead Door and Frame Supplier.

SET #23

Doors: 138B

3 Hinges	FBF191 4 1/2 X 4 1/2 NRP	US32D	ST
1 Lockset	45H-7TD14H PATD	630	BE
1 Door Closer	CLD-4550 CS	689	SD
1 Gasketing	127 SA 1 x 36" 2 x 84"		NA
1 Door Sweep	C627 A 36"		NA
1 Drip Cap	16 A 40"		NA
1 Threshold	896 S 36"	AL	NA
1 lot Permanent keys and cores to be Installed by Bidder in this Section 08710			

SET #24

Doors: 001A, 143A

3 Hinges	FBF191 4 1/2 X 4 1/2 NRP	US32D	ST
1 Exit Device	FL 2103 X 4903D 36" S458 SNB (2)	630	PR
1 Rim Cylinder	12E-72 PATD	626	BE
1 Door Closer	CLD-4550 CS	689	SD
1 Kick Plate	K0050 8" x 34" B4E CSK	630	TR
1 Gasketing	127 SA 1 x 36" 2 x 84"		NA
1 Door Sweep	C627 A 36"		NA
1 Drip Cap	16 A 40"		NA
1 Threshold	896 S 36"	AL	NA
3 Door Silencers	1229A	GREY	TR
1 lot Permanent keys and cores to be Installed by Bidder in this Section 08710			

SET #25

Doors: 143B

3 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Exit Device	FL 2103 X 4903D 36" S458 SNB (2)	630	PR
1 Rim Cylinder	12E-72 PATD	626	BE
1 Door Closer	CLD-4550 STD W/PA BRKT	689	SD
1 Kick Plate	K0050 8" x 34" B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
1 Gasketing	127 SA 1 x 36" 2 x 84"		NA

3 Door Silencers	1229A	GREY	TR
1 lot	Permanent keys and cores to be Installed by Bidder in this Section 08710		

SET #26

Doors: 142A

6 Hinges	FBF191 4 1/2 X 4 1/2 NRP	US32D	ST
2 Flush Bolt	3917-12	626	TR
1 Lockset	45H-7TD14H PATD	630	BE
1 Coordinator	3094B2	BLACK	TR
2 Door Closer	CLD-4550 CS	689	SD
2 Kick Plate	K0050 8" x 34" B4E CSK	630	TR
1 Gasketing	127 SA 1 x 72" 2 x 84"		NA
1 Drip Cap	16 A 76"		NA
1 Threshold	896 V 72"	AL	NA
2 Door Silencers	1229A	GREY	TR
1 lot	Permanent keys and cores to be Installed by Bidder in this Section 08710		

NOTE: Astragal as supplied by Hollow Metal Door and Frame Supplier.

SET #27

Doors: 148B, 153A, 201A, 216A

3 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Exit Device	FL 2114 X 4914D 36" S458 SNB (2)	630	PR
1 Door Closer	CLD-4550 EDA	689	SD
1 Wall Bumper	1270CV	626	TR
1 Gasketing	5050 C 1 x 36" 2 x 84"		NA
1 lot	Permanent keys and cores to be Installed by Bidder in this Section 08710		

SET #28

Doors: 203A, 203B, 204A, 221A

3 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Lockset	9K3-7R14D PATD	626	BE
1 Door Closer	CLD-4550 STD W/PA BRKT	689	SD
1 Door Closer	CLD-4550 EDA	689	SD
	NOTE: (@ Dr. # 204A, 221A)		
1 Kick Plate	K0050 5" x 34" B4E CSK	630	TR
1 Gasketing	5050 C 1 x 36" 2 x 84"		NA
1 lot	Permanent keys and cores to be Installed by Bidder in this Section 08710		

SET #29

Doors: 213A, 230A, 251A, 252A, 254A, 256A, 257A

3 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Lockset	9K3-7R14D PATD	626	BE

1 Wall Bumper	1270CV	626	TR
3 Door Silencers	1229B	GREY	TR
	NOTE: (@ Dr. #251A, 252A, 254A, 256A)		
3 Door Silencers	1229A	GREY	TR
	NOTE: (@ Dr. #213A, 230A)		
1 lot	Permanent keys and cores to be Installed by Bidder in this Section 08710		

SET #30

Doors: 126B, 225A

3 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Passage Set	9K3-0N14D	626	BE
1 Door Closer	CLD-4550 STD W/PA BRKT	689	SD
1 Wall Bumper	1270CV	626	TR
3 Door Silencers	1229A	GREY	TR

SET #31

Doors: 224A

3 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Lockset	9K3-7AB14D PATD	626	BE
1 Door Closer	CLD-4550 STD W/PA BRKT	689	SD
1 Kick Plate	K0050 8" x 34" B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
1 Gasketing	5050 C 1 x 36" 2 x 84"		NA
1 lot	Permanent keys and cores to be Installed by Bidder in this Section 08710		

SET #32

Doors: 223A

3 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
1 Lockset	9K3-7W14D PATD	626	BE
1 Door Closer	CLD-4550 STD W/PA BRKT	689	SD
1 Kick Plate	K0050 8" x 34" B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
1 Gasketing	5050 C 1 x 36" 2 x 84"		NA
1 lot	Permanent keys and cores to be Installed by Bidder in this Section 08710		

SET #33

Doors: 133A

6 Hinges	FBF179 4 1/2 X 4 1/2	US26D	ST
2 Flush Bolt	3917-12	626	TR
1 Dustproof Strike	3910N	626	TR
1 Lockset	9K3-7R14D PATD	630	BE
1 Coordinator	3094B2	BLACK	TR
2 Door Closer	CLD-4550 STD W/PA BRKT	689	SD

		NOTE: (Pull Side Mount)		
2	Wall Bumper	1270CV	626	TR
1 lot	Permanent keys and cores to be Installed by Bidder in this Section 08710			

SET #34 MISC ACCESS CONTROL

1	Network Controller	S2-EXT-16	BLK	S2
1	Network Node	S2-NN-as required	BLK	S2
250	Prox FOB/ISO Cards	I-Class	BL	HID
1lot	Providing & Pulling of all Access Control Cable			
1lot	Installation, Programming, Training			
1lot	Permanent keys and cores to be Installed by Bidder in this Section 08710			

Opening List

<u>Opening</u>	<u>Hdw Set</u>
001A	24
101A	1
101B	1
101C	1
101H	2
101J	3
103A	4
103B	5
104A	6
105A	7
106A	8
107A	8
109A	6
110A	9
111A	9
112A	9
113A	9
115A	6
117A	6
119A	14
119B	17
121A	6
122A	16
123A	10
123B	18
124A	6

125A	10
126A	19
126B	30
127A	6
128A	15
129A	20
130A	20
131A	20
132A	20
133A	33
135A	8
136A	21
136B	6
138A	22
138B	23
139A	6
139B	22
140A	6
141A	10
141B	22
142A	26
142B	6
143A	24
143B	25
144A	6
145A	6
146A	6
147A	6
148B	27
148A	1
150A	12
152A	12
153A	27
153B	6
154A	14
157A	6
159A	6
160A	10
163A	9
167A	9
168A	11
170A	18
171A	8
172A	6
174A	13
177A	9
178A	9
179A	18
201A	27
203A	28
203B	28
204A	28
205A	6
207A	9
208A	9
211A	9

212A	9
213A	29
214A	10
216A	27
218A	8
219A	8
220A	9
221A	28
222A	9
223A	32
224A	31
225A	30
227A	6
228A	6
229A	9
230A	29
231A	9
232A	9
233A	9
234A	9
236A	9
237A	9
238A	9
239A	9
240A	9
241A	9
242A	9
244A	9
245A	8
246A	6
249A	8
250A	9
251A	29
252A	29
253A	6
254A	29
255A	9
256A	29
257A	29
259A	9
260A	9
262A	6
263A	6
264A	9
265A	9

SECTION 09552

WOOD FLOOR RESTORATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contracts including General and Supplementary Conditions and Division Specification sections, apply to work of this section.

1.2 DESCRIPTION OF WORK

- A. All damaged or deteriorated planks (as indicated on the drawings and found on site during construction) shall be replaced. All damaged 2x floor joists (rot, insect damage, etc.) shall be replaced. All damaged sub-flooring shall be replaced.

1.3 QUALITY ASSURANCE

- A. Installer – Wood flooring firm with not less than 3 years successful experience in restoration of types wood flooring similar to that found in this project.

1.4 DELIVERY AND STORAGE OF MAKE-UP MATERIAL

- A. Moisture Content – At time of delivery, limit average moisture content of wood flooring to 8%, with 10% maximum for any piece.
- B. Protect wood flooring materials from excessive moisture in shipment, storage and handling. Deliver materials in unopened bundles and store in dry place with adequate air circulation.

1.5 JOB CONDITIONS

- A. Do not proceed with restoration of wood flooring until spaces have been enclosed and are at approximate thermal and moisture conditions planned for occupancy. Condition wood for 7 days prior to start of installation by placing in spaces to receive flooring and maintaining ambient temperature between 65 and 70 degrees F before, during and after installation.
- B. It is the contractor's responsibility to protect all wood flooring during all construction activities. All flooring is to be covered by protection boards with taped joints and sheeting. The contractor is also responsible for coordinating and ensuring that any and all demolition activities do not damage or adversely affect the wood flooring.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Replacement wood where original is decayed or damaged shall match the existing floors as closely as possible in species, width, thickness, grade and finish.
- B. Substructure: Sub-floor (decking) shall match existing in thickness. See wood decking specification and verify existing conditions so that necessary adjustments can be made.
- C. Urethane Finish: FS TT-C-542, specially compounded for wood floor finish, moisture-curing type, for multiple-coat application.
- D. Supply, install and finish all necessary accessories (thresholds, transitions, reducer strips, etc.) as necessary for this application. Where these items are existing; repair any damaged pieces. If these accessories are damaged beyond repair, it will be the contractor's responsibility to replace them and finish all components to match.

PART 3 - EXECUTION

3.1 INSPECTION AND PREPARATION:

- A. Restoration shall not start until all overhead trades have finished, and drywall, plastering, electrical and tile work in adjacent areas is completed. Permanent heat must be on and the sub-floor must be dry.
- B. Although floors are not intended to be painted, prepare all wood floors as required by the *Preparation Of Historic Wood And Metal Surfaces For Painting* specification section.

3.2 SANDING OF IN-PLACE FINISHED FLOOR

- A. All finishing is to be in compliance with the Painting specification section.
- B. Sand floor with drum sander, edger buffer, and hand scrapper
- C. Use coarse, medium and fine grade sandpaper.
- D. After sanding with drum sander, buff entire floor using 100 grit screen back or equal grit sandpaper, with a heavy-duty buffing machine.
- E. Vacuum floor before first coat of finish. Apply stain as required to achieve the desired appearance.
- F. Apply floor sealer (2 coats) in accordance with manufacturer's instructions including machine buffing with steel wool.
- G. Apply urethane finish, in accordance with manufacturer's instructions. Apply as many coats as may be needed to build a dry film thickness of 10 mils (with a minimum of two coats). Retain empty containers for confirmation of film thickness.
- H. Buff completed finish before permitting traffic.

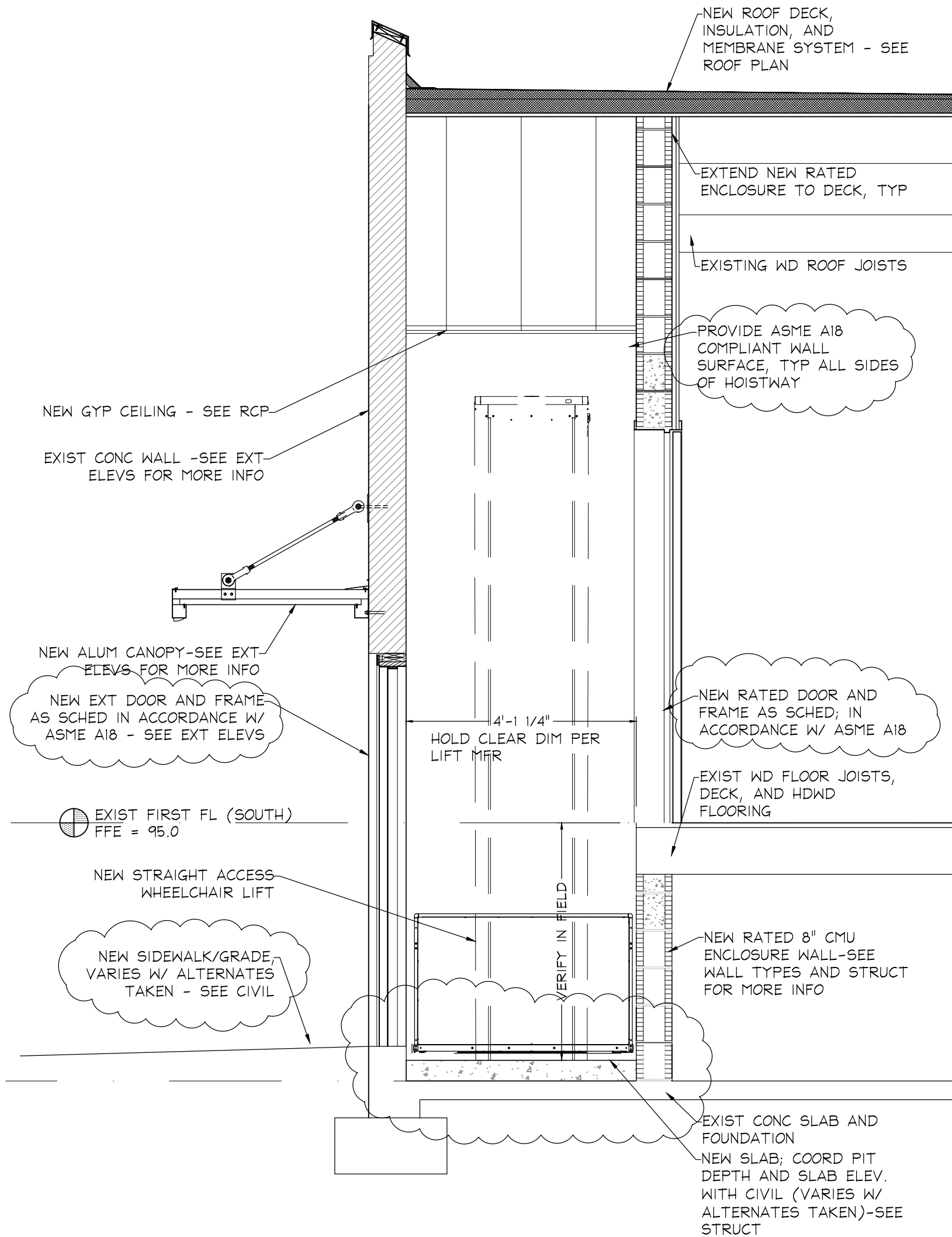
3.3 CLEAN UP WORK

- A. On completion of the flooring restoration work, the flooring contractor shall remove any unused materials and shall clean up any cut-offs, saw and sanding dust, and other debris.

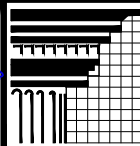
3.4 PROTECTION

- A. Institute procedures required for protection of finished wood flooring during remainder of construction period, so that flooring and finish will be without damage or deterioration at time of acceptance.

END OF SECTION 09552



REV TO 3/A412
 ① LIFT HOISTWAY SECTION
 ADI Scale: 1/2" = 1'-0"



SHAHER & ASSOCIATES, PLLC
 GARY SHAHER, AIA
 510 UNIVERSITY DRIVE STARKVILLE, MISSISSIPPI 39759 PH: (662) 323-1628 FAX: (662) 324-8239
 OFFICE · OF · ARCHITECTURE

REBID RENOVATIONS TO STARKVILLE POLICE
 DEPARTMENT

STARKVILLE, MISSISSIPPI DATE: 5 AUG 2016

SHEET
 ADI
 DRAWN BY: SZ
 CHECKED BY: GS

SHAFFER & ASSOCIATES, PLLC

C.C.D. ☐

A.S.I. ☐

P.R. ☐

ADDENDA ☒

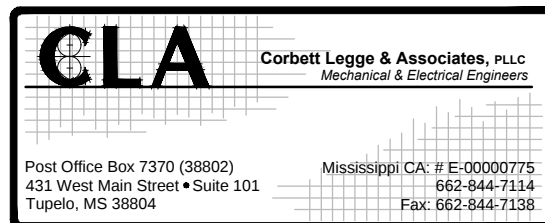
POWERED VENTILATOR SCHEDULE

MARK	MFG.	MOD. NO.	CFM	ESP	WATTS (HP)	RPM	FRPM	VOLTS /PH /FLA	MCA	MOCP	SONES	MOUNTING	FAN TYPE	DRIVE	REMARKS
EF-1	NOT USED														NOT USED
EF-2	GREENHECK	SP-B80-VG	75	0.35	6	935	935	115V / 1PH / 0.65 FLA	0.8	15	1.2	CEILING	CENTRIFIGUAL	DIRECT	1,2,3,4,5
EF-3	GREENHECK	SP-B80-VG	75	0.35	6	935	935	115V / 1PH / 0.65 FLA	0.8	15	1.2	CEILING	CENTRIFIGUAL	DIRECT	1,2,3,4,5
EF-4	GREENHECK	SP-B80-VG	75	0.35	6	935	935	115V / 1PH / 0.65 FLA	0.8	15	1.2	CEILING	CENTRIFIGUAL	DIRECT	1,2,3,4,5
EF-5	GREENHECK	SP-B80-VG	75	0.35	6	935	935	115V / 1PH / 0.65 FLA	0.8	15	1.2	CEILING	CENTRIFIGUAL	DIRECT	1,2,3,4,5
EF-6	GREENHECK	SP-B80-VG	75	0.35	6	935	935	115V / 1PH / 0.65 FLA	0.8	15	1.2	CEILING	CENTRIFIGUAL	DIRECT	1,2,3,4,5
EF-7	GREENHECK	SP-B80-VG	75	0.35	6	935	935	115V / 1PH / 0.65 FLA	0.8	15	1.2	CEILING	CENTRIFIGUAL	DIRECT	1,2,3,4,5
EF-8	GREENHECK	SP-B80-VG	75	0.35	6	935	935	115V / 1PH / 0.65 FLA	0.8	15	1.2	CEILING	CENTRIFIGUAL	DIRECT	1,2,3,4,5
EF-9	GREENHECK	G-133-G	1200	0.25	(1/4)	1150	1126	115V / 1PH / 5.8 FLA	7.3	15	8.6	ROOF	CENTRIFIGUAL	DIRECT	6,7,9,10,11
EF-10	GREENHECK	G-183-G	2500	0.25	(3/4)	900	737	115V / 1PH / 10.6 FLA	13.3	15	12.8	ROOF	CENTRIFIGUAL	DIRECT	6,7,9,10,11
EF-11	NOT USED														NOT USED
EF-12	GREENHECK	SQ-98-VG	400	1.0	(3/4)	2200	1838	208V / 1PH / 5.6 FLA	7.3	15	12.9	INLINE	CENTRIFIGUAL	DIRECT	8,9,10,11
EF-13	GREENHECK	SQ-98-VG	400	1.0	(3/4)	2200	1838	208V / 1PH / 5.6 FLA	7.3	15	12.9	INLINE	CENTRIFIGUAL	DIRECT	8,9,10,11
CF-1	MACROAIR	AIRVOLUTION-D 370	19,000	--	(1/4)	140	140	115V / 1PH / 1.5 FLA	1.9	5	--	PENDANT	AIRFOIL	DIRECT	12,13,14,15
CF-2	MACROAIR	AIRVOLUTION-D 370	19,000	--	(1/4)	140	140	115V / 1PH / 1.5 FLA	1.9	5	--	PENDANT	AIRFOIL	DIRECT	12,13,14,15
CF-3	MACROAIR	AIRVOLUTION-D 370	19,000	--	(1/4)	140	140	115V / 1PH / 1.5 FLA	1.9	5	--	PENDANT	AIRFOIL	DIRECT	12,13,14,15

1. CEILING EXHAUST FAN WITH GALVANIZED STEEL HOUSING, SINGLE INLET, FORWARD CURVED ALUMINUM FAN
2. WHITE, NON-YELLOWING GRILLE
3. ROUND DUCT OUTLET WITH INTEGRAL BACKDRAFT DAMPER
4. VIBRATION ISOLATION KIT
5. ELECTRICALLY COMMUTATED MOTOR WITH MOTOR MOUNTED SPEED POTENTIOMETER AND PLUG TYPE DISCONNECT
6. DOWNBLAST EXHAUST FAN WITH ALUMINUM HOUSING AND BIRDSCREEN
7. GALVANIZED, FACTORY INSULATED, PITCHED ROOF CURB
8. HORIZ. INLINE FAN, FRONT DISCHARGE ARRANGEMENT, HANGING BRACKETS AND VIBRATION ISOLATOR NEOPRENE HANGERS
9. GRAVITY BACKDRAFT DAMPER
10. FACTORY MOUNTED, NEMA 1 DISCONNECT SWITCH
11. ELECTRICALLY COMMUTATED MOTOR WITH MOTOR MOUNTED SPEED POTENTIOMETER
12. HIGH VOLUME, LOW SPEED AIRFOIL FAN
13. FORWARD, REVERSE AND VARIABLE SPEED
14. CUSTOM DROP LENGTH OF 8 FEET
15. DIGITAL TOUCHPAD CONTROLLER TO ADJUST FAN SPEED AND DIRECTION OF ROTATION

DATE: AUGUST 08, 2016
**STARKVILLE POLICE STATION
RENOVATION**

**STARKVILLE, MISSISSIPPI
PROJECT # 16002**



ADDENDUM NUMBER: 1

SHEET NO. M003

SKETCH NO. SKM-01