



# **Memphis Housing Authority**

## **Capital Improvements Department**

700 Adams Avenue, Room 107

Memphis, Tennessee 38105-5029

### **ADDENDUM NO. 3**

**Issued: April 12, 2023**

This addendum shall become and form a part of the following solicitation:

**Solicitation #CI 23 Q 00665**

## **Installation of Access Controls at Jefferson/Barry for MHA, Memphis, TN**

### **TO ALL POTENTIAL OFFERORS:**

This Addendum, including all articles and corrections listed below, shall become a part of the original solicitation package, and shall be considered in preparing your proposals.

To ensure that all firms are given an equal opportunity to submit a competitive bid, copies of the Pre- Bid Conference meeting minutes, vendor's questions and responses and clarifications regarding Solicitation # CI 23 Q 00665 for Installation of Access Controls at Jefferson/Barry for MHA, Memphis, TN are included herein.

**Please acknowledge receipt of this addendum by signing, dating, and including a copy of this addendum cover sheet in your proposal.**

Name of Firm: \_\_\_\_\_

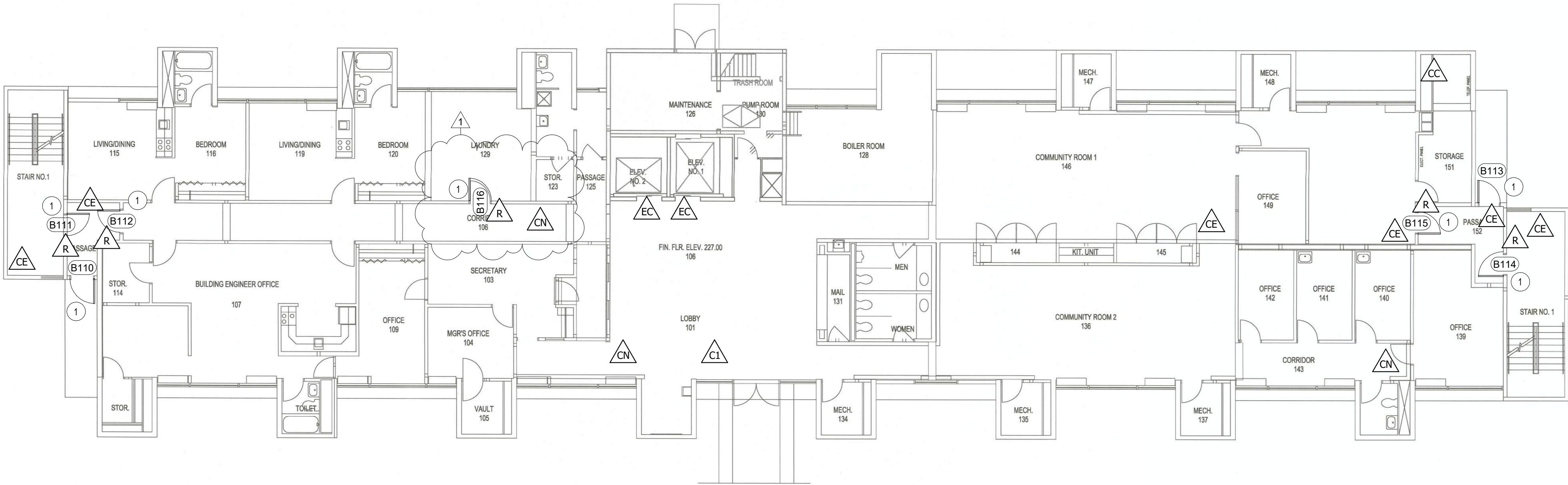
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_

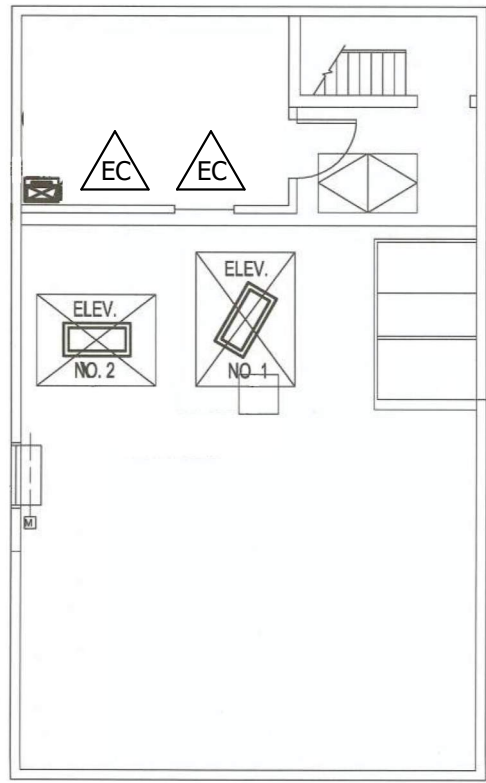
**REVISIONS:**

1. Additional work has been added to scope of work.
  - a. PLEASE SEE ATTACHMENT FOR THE ADDITION TO THE SCOPE OF WORK. THE LAUNDRY ROOM DOORS AT EACH SITE HAVE BEEN ADDED
2. Revised Quote Form
  - a. PLEASE REMOVE THE PREVIOUS QUOTE FORM. A NEW QUOTE SHALL BE ATTACHED.

**END OF ADDENDUM # 3**



**1 BARRY FIRST FLOOR PLAN**  
1" = 10'-0"



**2 BARRY ELEVATOR PENTHOUSE PLAN**  
1" = 10'-0"

**FLOOR PLAN LEGEND**

- 1 REFERENCE DOOR HARDWARE SCHEDULE FOR WORK ASSOCIATED WITH THIS DOOR.

**INTERIOR GENERAL NOTES**

- ALL SURFACES / FINISHES THAT ARE ALTERED AS PART OF THIS PROJECT SHALL BE REPAIRED TO APPEAR SEAMLESS WITH ADJACENT FINISHES. ANY DISTURBED, PAINTED AREAS SHALL BE REPAINTED TO THE CLOSEST HARD EDGE TO APPEAR SEAMLESS.
- ANY COMPONENTS THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH MATERIALS EQUAL TO THOSE THAT WERE DAMAGED.

**ACCESS CONTROL DEVICES**

PRODUCTS AND MANUFACTURERS LISTED BELOW ARE BASIS OF DESIGN, HOWEVER THEY HAVE BEEN SELECTED BECAUSE OF COMPATIBILITY WITH EXISTING DEVICES. ANY "OR EQUAL" PRODUCTS MUST BE SUBMITTED DURING BIDDING PHASE AND MUST BE COMPATIBLE WITH ALL EXISTING SYSTEMS OPERATED BY THE OWNER.

**EXISTING ACCESS COMMANDER BOX LOCATION**

01672-001 2N ACCESS COMMANDER BOX  
QTY (2) 01372-001-2N ACCESS COMMANDER - EXISTING TO REMAIN. NEW CONTROLS TO TIE INTO THIS EXISTING CONTROL BOX.

**ACCESS UNIT / CARD READER**

MANUF: 2N  
MODEL: 2N-01852-001 ACCESS UNIT 2.0 TOUCH KEYPAD AND RFID (OR)  
2N-02396-001 ACCESS UNIT M TOUCH KEYPAD AND RFID  
(REFERENCE DOOR SCHEDULE FOR MODEL LOCATIONS)  
OPTIONS: PROVIDE HOUSING AND COVER AS REQ'D

**ACCESS CONTROLS AT ELEVATORS**

REFERENCE ELEVATOR CONTROL DIAGRAMS FOR PART NUMBERS AND CONFIGURATIONS.

**NETWORK CAMERA: TP-MEAD8M28 (NEW LOCATION)**

MANUF: TURING  
MODEL: TP-MEAD8M28 SMART SERIES NETWORK TURRET CAMERA  
OPTIONS: NDAA COMPLIANT

**NETWORK CAMERA: TP-MEAD8M28 (REPLACE EXISTING CAMERA)**

MANUF: TURING  
MODEL: TP-MEAD8M28 SMART SERIES NETWORK TURRET CAMERA  
OPTIONS: NDAA COMPLIANT

**CAMERA BRIDGE AND NETWORK RECORDER**

BRIDGE: OPTEX VISUAL VERIFICATION BRIDGE, CKB-312  
NETWORK VIDEO RECORDER: NVR-3216-16P-AI

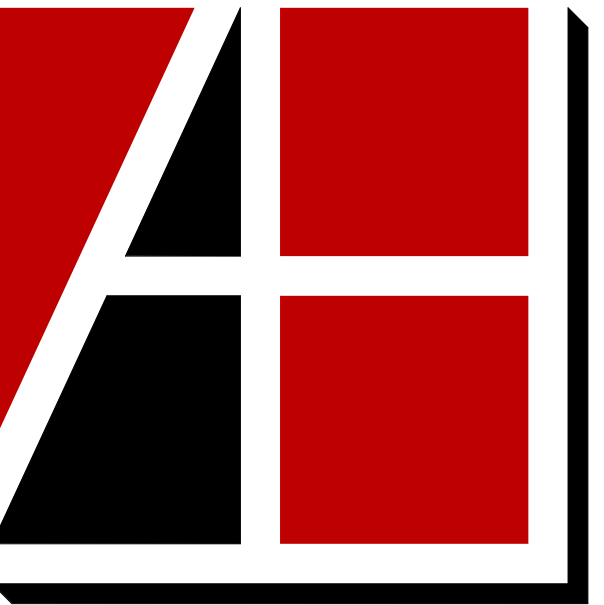
PROVIDE ONE OF EACH UNITS ABOVE AT EACH LOCATION SHOWN

**CAMERA MONITORING**

ALL CAMERAS TO BE CONNECTED TO AND MONITORED BY A MONITORING COMPANY THAT DOES VIDEO VERIFICATION THROUGH TRIGGERS ASSOCIATED WITH LOITERING OR OTHER NEGATIVE BEHAVIORS.

**LOW VOLTAGE GENERAL NOTES**

- IT IS THE INTENT OF THIS PROJECT TO EXTEND THE EXISTING ACCESS CONTROL SYSTEM TO THE DEVICES SHOWN AT EACH PROJECT LOCATION. ANY COMPONENTS THAT ARE NOT SHOWN ON THESE DRAWINGS BUT ARE NEEDED FOR THIS SYSTEM TO FUNCTION AND BE CODE COMPLIANT ARE TO BE INCLUDED AS PART OF THIS BID. IF THERE IS A QUESTION REGARDING SYSTEM FUNCTIONS OR COMPONENTS, IT MUST BE SENT IN WRITING TO THE ARCHITECT DURING THE BIDDING PHASE.
- EXISTING CONDUIT CAN BE REUSED, WHERE POSSIBLE. RUN NEW CONDUIT WHERE NECESSARY. IF POSSIBLE, ALWAYS RUN NEW LOW VOLTAGE WIRING IN CONCEALED SPACES. PAINT ALL CONDUIT (EXISTING AND NEW) WHEN COMPLETED.



**Allen&Hoshall**  
engineers • architects • surveyors

Allen & Hoshall  
1661 International Drive, Suite 100  
Memphis, TN 38120  
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**ACCESS CONTROL AT  
ELEVATORS & STAIRS -  
JEFFERSON/BARRY**

Jefferson - 741 Adams  
Barry - 255 N. Lauderdale  
Memphis, TN

**MEMPHIS HOUSING  
AUTHORITY**

No.	Description	Date
1	DOORS AT LAUNDRY	4.20.23

**BARRY TOWER**

JOB NO: 63257-1  
DATE: 4.5.2023  
DRAWN: WCL  
CHECKED: WCL

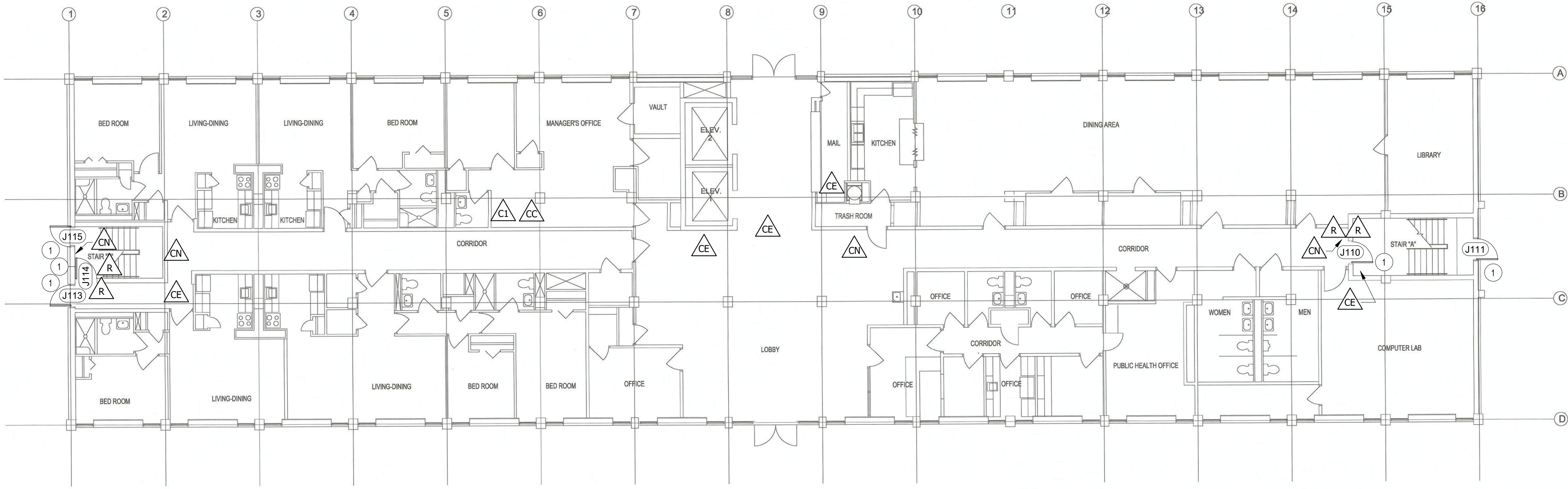


CONSTRUCTION DOCUMENTS

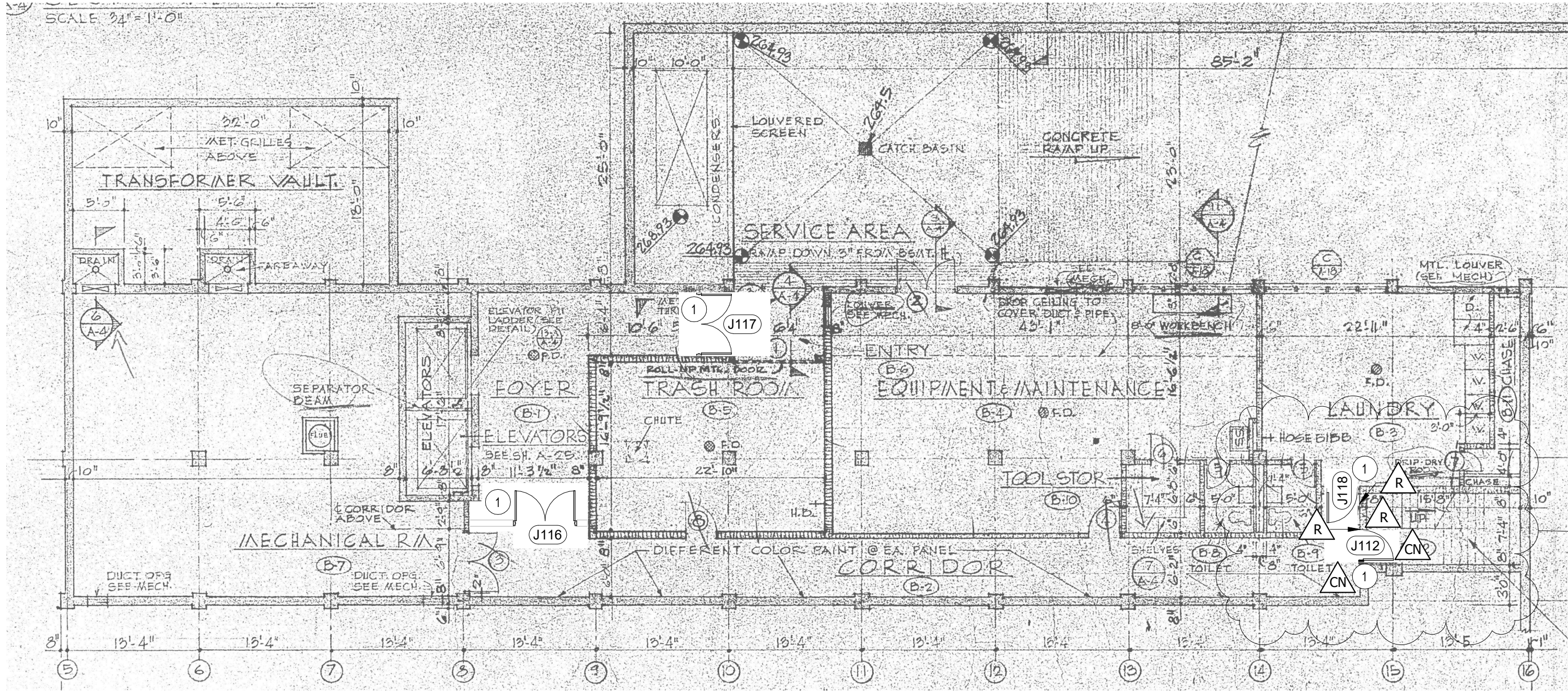
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**1 JEFFERSON FIRST FLOOR PLAN**  
1" = 10'-0"



**2 JEFFERSON BASEMENT FLOOR PLAN**  
1" = 10'-0"

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(REFERENCE DOOR SCHEDULE FOR MODEL LOCATIONS)  
OPTIONS: PROVIDE HOUSING AND COVER AS REQ'D

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MODEL: TP-MEAD8M28 SMART SERIES NETWORK TURRET CAMERA  
OPTIONS: NDAA COMPLIANT

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MANUF: TURING  
MODEL: TP-MEAD8M28 SMART SERIES NETWORK TURRET CAMERA  
OPTIONS: NDAA COMPLIANT

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BRIDGE: OPTEX VISUAL VERIFICATION BRIDGE, CKB-312  
NETWORK VIDEO RECORDER: NVR-3216-16P-A1  
PROVIDE ONE OF EACH UNITS ABOVE AT EACH LOCATION SHOWN

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**FLOOR PLAN LEGEND**

1 REFERENCE DOOR HARDWARE SCHEDULE FOR WORK ASSOCIATED WITH THIS DOOR.

**INTERIOR GENERAL NOTES**

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**ACCESS CONTROL AT ELEVATORS & STAIRS - JEFFERSON/BARRY**

Jefferson - 741 Adams  
Barry - 255 N. Lauderdale  
Memphis, TN

**MEMPHIS HOUSING AUTHORITY**

No.	Description	Date
1	DOORS AT LAUNDRY	4.20.23

**JEFFERSON SQUARE**

JOB NO: 63257-1  
DATE: 4.5.2023  
DRAWN: WCL  
CHECKED: WCL



CONSTRUCTION DOCUMENTS

**A1.2**



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## ACCESS CONTROL AT ELEVATORS & STAIRS - JEFFERSON/BARRY

Jefferson - 741 Adams  
Barry - 255 N. Lauderdale  
Memphis, TN

## MEMPHIS HOUSING AUTHORITY

1	DOORS AT LAUNDRY	4.20.23
No.	Description	Date

## DOORS AND HARDWARE

JOB NO: 63257-1  
DATE: 4.5.2023  
DRAWN: WCL  
CHECKED: WCL

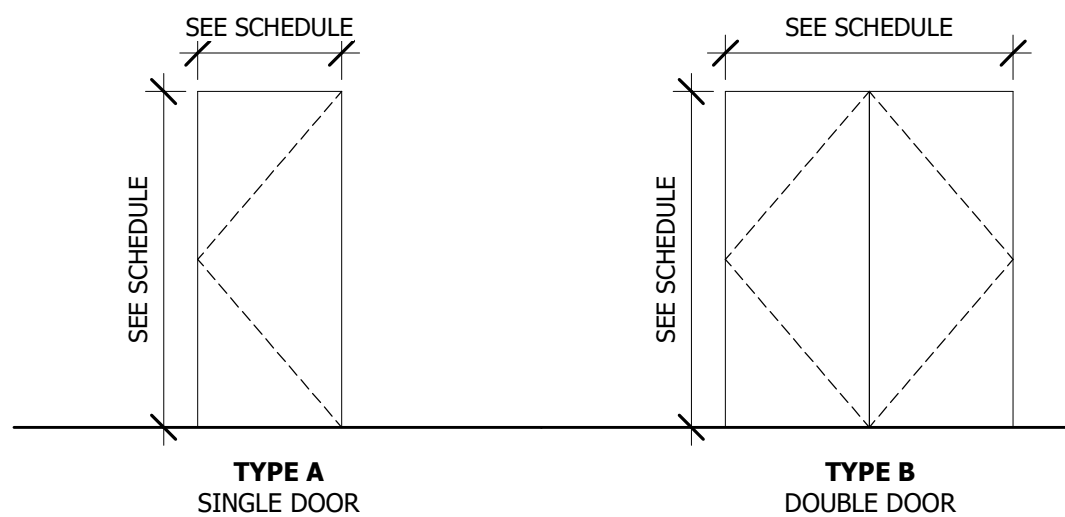


CONSTRUCTION DOCUMENTS

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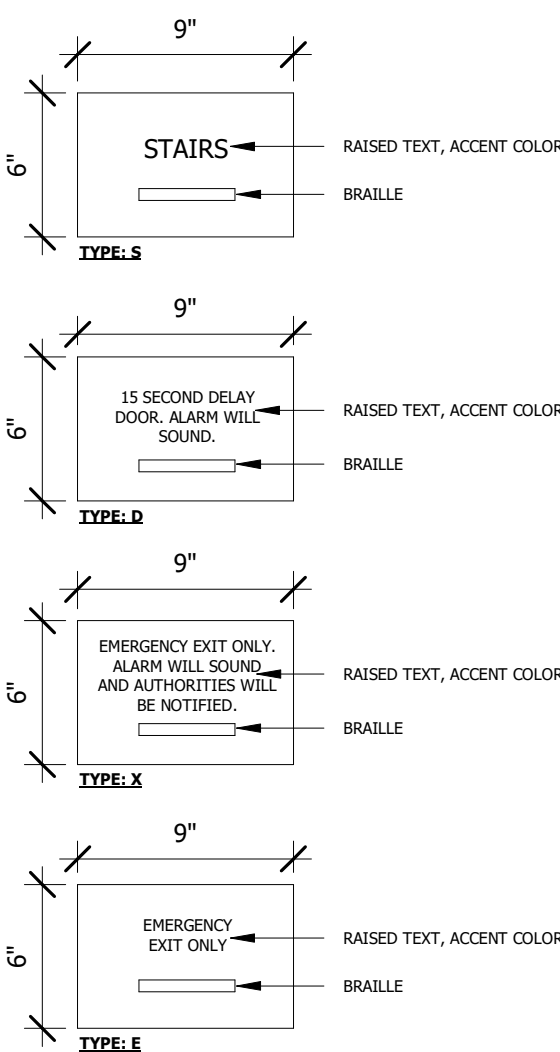
## DOOR AND HARDWARE SCHEDULE

Mark	Width	Height	Door Type	Door Material	Frame Type	Fire Rating	Lever Set	Exit Device	Hinges	Closer	Eschutcheon	Fire Alarm Integration	Power Supply	Card Reader	Monitor	Kick Plate	Remodel Plate	Signage Type	Weather Stripping	Comments
B110	3'-4"	7'-0"	A - EXIST.	HM - EXIST. TO REMAIN	HM - EXIST. TO REMAIN	-	-	S6103FU36L	EXIST. TO REMAIN	-	-	-	-	-	GRI-184-12-W	-	-	-	-	RE-USE EXISTING DOOR AND FRAME.
B111	3'-0"	7'-0"	A - EXIST.	HM - EXIST. TO REMAIN	HM - EXIST. TO REMAIN	90 MIN.	-	S6103FU36L	PTH-10Q	DH-416-AL	EKE03U	Y	602RF	SE-01852001	GRI-184-12-W	-	-	-	-	RE-USE EXISTING DOOR AND FRAME.
B112	3'-0"	7'-0"	A - EXIST.	HM - EXIST. TO REMAIN	HM - EXIST. TO REMAIN	90 MIN.	-	S6103FU36L	PTH-10Q	DH-416-AL	EKE03U	Y	602RF	SE-01852001	GRI-184-12-W	-	-	-	-	RE-USE EXISTING DOOR AND FRAME.
B113	3'-0"	7'-0"	A - EXIST.	HM - EXIST. TO REMAIN	HM - EXIST. TO REMAIN	-	-	S6103FU36L	EXIST. TO REMAIN	DH-416-AL	-	-	-	-	GRI-184-12-W	-	-	-	-	RE-USE EXISTING DOOR AND FRAME.
B114	3'-4"	7'-0"	A - EXIST.	HM - EXIST. TO REMAIN	HM - EXIST. TO REMAIN	90 MIN.	-	S6103FU36L	PTH-10Q	DH-416-AL	EKE03U	Y	602RF	SE-01852001	GRI-184-12-W	-	-	-	-	RE-USE EXISTING DOOR AND FRAME.
B115	3'-0"	7'-0"	A - EXIST.	HM - EXIST. TO REMAIN	HM - EXIST. TO REMAIN	90 MIN.	-	S6103FU36L	PTH-10Q	DH-416-AL	EKE03U	Y	602RF	SE-01852001	GRI-184-12-W	-	-	-	-	RE-USE EXISTING DOOR AND FRAME.
B116	3'-0"	7'-0"	B - NEW	HM	HM - EXIST. TO REMAIN	60 MIN.	CLN-96-B-26D	-	SL-57	DH-416-AL	-	-	-	2N-02396-001	-	90-10X30-628	-	-	-	VERIFY DOOR SIZE IN FIELD.
J110	3'-0"	7'-0"	A - NEW	HM	HM - EXIST. TO REMAIN	90 MIN.	-	S6103FU36101ND	PTH-10Q	DH-416-AL	EKE03U	Y	602RF	(2X) SE-01852001	GRI-184-12-W	-	-	S, E, D	-	VERIFY DOOR SIZE IN FIELD.
J111	3'-0"	7'-0"	A - EXIST.	HM - EXIST. TO REMAIN	HM - EXIST. TO REMAIN	-	-	-	EXIST. TO REMAIN	-	-	-	-	-	GRI-184-12-W	-	-	X	-	RE-USE EXISTING DOOR AND FRAME.
J112	3'-0"	7'-0"	A - NEW	HM	HM - EXIST. TO REMAIN	90 MIN.	-	S6103FU36101ND	PTH-10Q	DH-416-AL	EKE03U	Y	602RF	(2X) SE-01852001	GRI-184-12-W	-	-	-	-	VERIFY DOOR SIZE IN FIELD.
J113	3'-0"	7'-0"	A - EXIST.	HM - EXIST. TO REMAIN	HM - EXIST. TO REMAIN	-	-	ADJUST EXISTING	EXIST. TO REMAIN	-	-	-	-	-	GRI-184-12-W	-	-	X	-	RE-USE EXISTING DOOR AND FRAME.
J114	3'-0"	7'-0"	A - NEW	HM	HM - NEW - 90 MIN.	90 MIN.	-	S6103FU36101ND	PTH-10Q	DH-416-AL	EKE03U	Y	602RF	(2X) SE-01852001	GRI-184-12-W	-	-	S, D	-	VERIFY DOOR SIZE IN FIELD.
J115	3'-0"	7'-0"	A - NEW	HM	HM - EXIST. TO REMAIN	-	-	S6103FU36L	3	DH-416-AL	-	-	-	-	GRI-184-12-W	-	-	X	-	VERIFY DOOR SIZE IN FIELD.
J116	6'-0"	7'-0"	B - NEW	HM	HM - EXIST. TO REMAIN	90 MIN.	-	-	6	DH-416-AL (2)	-	-	-	-	-	-	-	-	-	VERIFY DOOR SIZE IN FIELD.
J117	6'-0"	7'-0"	B - NEW	HM	HM - NEW	-	-	S6103FU36L	6	DH-416-AL (2)	EK03U	-	-	-	GRI-184-12-W	-	-	-	2	VERIFY DOOR SIZE IN FIELD.
J118	3'-0"	7'-0"	A - EXIST.	HM - EXIST. TO REMAIN	HM - EXIST. TO REMAIN	60 MIN.	CLN-96-B-26D	-	EXIST. TO REMAIN	REMOUNT	-	-	-	2N-02396-001	-	90-10X30-629	(2) RP-13515-630	-	-	RE-USE EXISTING DOOR AND FRAME.



### DOOR TYPES

1/4" = 1'-0"



### 2 SIGNAGE TYPES

1 1/2" = 1'-0"

### LOW VOLTAGE GENERAL NOTES

- IT IS THE INTENT OF THIS PROJECT TO EXTEND THE EXISTING ACCESS CONTROL SYSTEM TO THE DEVICES SHOWN AT EACH PROJECT LOCATION. ANY COMPONENTS THAT ARE NOT SHOWN ON THESE DRAWINGS BUT ARE NEEDED FOR THIS SYSTEM TO FUNCTION AND BE CODE COMPLIANT ARE TO BE INCLUDED AS PART OF THIS BID. IF THERE IS A QUESTION REGARDING SYSTEM FUNCTIONS OR COMPONENTS, IT MUST BE SENT IN WRITING TO THE ARCHITECT DURING THE BIDDING PHASE.
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### DOOR HARDWARE

PRODUCTS AND MANUFACTURERS LISTED BELOW ARE BASIS OF DESIGN. "OR EQUAL" PRODUCTS ARE TO BE SUBMITTED DURING BIDDING PHASE FOR APPROVAL OR THEY MAY BE REJECTED.

#### DOOR CLOSER: DH-416-AL

Manuf: Design Hardware  
Model: 416 Series Heavy Duty Closer  
Options: AL Finish

#### EXIT DEVICE: S6103FU36L

Manuf: SDC  
Model: Spectra Series - S6000 - A/B  
Options: Fire rated where indicated on schedule

#### EXIT DEVICE: S6103FU36101ND

Manuf: SDC  
Model: Exit Check S6000-101 Delayed Egress  
Options: 15 Second Delay Panic Bar  
Fire rated where indicated on schedule

Presentation of valid credentials at the adjacent card reader bypasses 15 second delay. Activation of the fire alarm system also bypasses 15 second delay.

#### PASSAGE LEVER SET: DX-H-75

Manuf: Design Hardware  
Model: Heavy Duty Grade 1 Lock

#### ELECTRIFIED ESCHUTCHEON: EKE03U

Manuf: SDC  
Model: EKE03U

#### ESCHUTCHEON: EK03U

Manuf: SDC  
Model: EK03U

#### POWER SUPPLY: 602RF

Manuf: SDC  
Model: 602RF  
Options: PROVIDE BACKUP BATTERIES AS REQ'D.

#### DOOR POSITION SENSOR: GRI-184-12-W

Manuf: GRI

#### ELECTRIFIED HINGE: PTH-10Q

Manuf: SDC  
Model: PTH-10Q

#### CARD READER

Manuf: 2N  
Model: 2N-01852-001 ACCESS UNIT 2.0 TOUCH KEYPAD AND RFID (OR)  
2N-02396-001 ACCESS UNIT M TOUCH KEYPAD AND RFID  
(REFERENCE DOOR SCHEDULE FOR MODEL LOCATIONS)  
Options: PROVIDE HOUSING AND COVER AS REQ'D

#### ELECTRIFIED LEVER SET: CLN-96-B-26D

Manuf: COMMAND ACCESS TECHNOLOGIES  
Model: CLN-96-B-26D

#### CONTINUOUS GEARED HINGE: SL-57

Manuf: SELECT PRODUCTS, SELECT HINGES  
Model: SL-57

#### KICK PLATE: 90-10X30-6XX

Manuf: DON-JO MANUF.  
Model: 90-10X30-(FINISHES VARY)

## DOOR & WINDOW GENERAL NOTES

- HOLLOW METAL FRAMES TO HAVE SILENCERS.
- VERIFY KEYING REQUIREMENTS WITH OWNER.
- HOLLOW METAL FRAMES TO BE PAINTED.
- SEE DOOR SCHEDULE FOR DOOR FINISHES.
- PROVIDE ASTRAGALS AND COORDINATORS AT RATED INTERIOR PAIR DOORS.
- PROVIDE SMOKE SEALS AT ALL SMOKE AND FIRE RATED INTERIOR DOORS.
- COORDINATE LATCHING FOR ALL DOORS WITH HOLD OPENS.
- CONTRACTOR SHALL COORDINATE FRAME THROAT DIMENSIONS WITH WALL TYPE LEGEND.
- ALL DOOR SURFACES SHALL BE FINISHED INCLUDING TOP AND BOTTOM EDGES.
- ALL EXTERIOR HOLLOW METAL DOORS ARE TO BE INSULATED.
- FIRE-RESISTANCE RATED DOORS MUST HAVE FIRE RATED FRAMES, HARDWARE, CLOSERS, AND OTHER RATED ACCESSORIES. [1999 NFPA 80 1-4 DEFINITION OF "FIRE DOOR," 1-6.1, 2-4.7, AND IBC 715.4]
- CLOSERS AND POSITIVE LATCHING HARDWARE ARE REQUIRED ON FIRE RATED DOORS AND DOORS IN SMOKE PARTITIONS OR BARRIERS. [NFPA 101 7.2.1.8, 8.3.3.3., 8.4.3.5, 1999 NFPA 80 3-4, AND IBC 715.4.7]
- ALL INTERIOR GLAZING TO BE TEMPERED, TYP.
- HOLLOW METAL FRAMES IN STUD & GYP. BD. WALLS SHALL WRAP THE WALL ENDS, TYP.

### TEMPERED GLASS IS REQUIRED IN THE FOLLOWING LOCATIONS BY CODE:

- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24" ARC OF EITHER VERTICAL EDGE OF A DOOR IN CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE WALKING SURFACE. GLAZING IN PERPENDICULAR PLANE TO DOORS WHEN CLOSED ARE EXEMPT ON THE LATCH SIDE OF THE DOOR IN GROUP R-2 [IBC 2406.3.6]
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL IN WHICH THE EXPOSED AREA OF AND INDIVIDUAL PANE IS GREATER THAN 9 SF., THE BOTTOM EDGE IS LESS THAN 18" ABOVE THE FLOOR, THE EXPOSED TOP EDGE IS GREATER THAN 36" ABOVE THE FLOOR, AND ONE OR MORE WALKING SURFACES ARE WITHIN 36" HORIZONTALLY OF THE PLANE OF THE GLAZING [IBC 2406.3.7]
- GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WITHIN 36" HORIZONTALLY OF A WALKING SURFACE, WITHIN 60" HORIZONTALLY OF THE BOTTOM TREAD OF A STAIRWAY IN ANY DIRECTION, AND THE BOTTOM EDGE IS LESS THAN 60" ABOVE THE PLANE OR THE ADJACENT WALKING SURFACE. [IBC 2406.3.10 & 2406.3.11]

## **Exhibit A**

Memphis Housing Authority					
QUOTE FORM					
<i><b>Jefferson Square/Barry Tower</b></i>					
<b>Item</b>	<b>Task Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>
1	Mobilization	LS	1		
2	Access Controls	LS	1		
3	Low voltage installation	LS	1		
4	Doors And Hardware	LS	1		
5	Elevator Controls	LS	1		
6	Laundry room door access control	LS	1		
7	One year Monitoring	LS	1		
8	Maintenance agreement	Ls	1		
9	Allowance	LS	1	\$ 10000	\$10000
<b>TOTAL:</b>					

**Note: All costs shall include, materials, labor, supplies, equipment, code inspections, permits, insurance, direct and indirect costs, and supervision for a turnkey project.**

Bid Guarantee in the sum of \_\_\_\_\_ dollars

( \$ \_\_\_\_\_ )

in the form of \_\_\_\_\_

is submitted herewith in accordance with the Instructions to Bidders.

The undersigned acknowledges the receipt of the following Addenda and has included them in this bid.