

# Schedule of Finish Hardware

for

## MUSC Building A BSB

171 Ashley Ave

Charleston, SC

Job # 344076



# COOK & BOARDMAN

A DIVISION OF THE COOK & BOARDMAN GROUP, LLC

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### Submittal Date:

March 30, 2022

Revised:



"AHC's employed"



"Chain of Custody Certified"

## Hardware Schedule

### HEADING #1.1 (SET #1)

Opening Description: 3' 0" x 7' 0" x 1 3/4 x WD Type A x HM Type F1 x 45 Min

1 Single Door #103	BSB	CORRIDOR to WORK/MEET BS103	90°	LH
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3 Hinge	BB1279 4 1/2 X 4 1/2		US26D	HA
1 Lockset	ML2057 LWA CT7R	LH	626	CR
1 Core	CR8000 A1		626	CR
1 Closer	DC6200 M54		689	CR
1 Protection Plate	190S 10" x 34" CSK		US32D	HA
1 Smoke Seal	726 21'		S	HA
1 Automatic Door Bottom	743S N 36"		MIL	HA
1 Card Reader - By SSV	CARD READER - BY SSV			VA01
1 Electric Strike	1600-CLB		630	HS
1 Protection Plate	190S 10" x 35" CSK		US32D	HA
1 Dome Floor Stop	241F		US26D	HA
1 Power Controller	2005M3			HS

Note: Description of Operation: 1. Door is normally closed and secure, entry by key leaves lever in locked position. 2. Upon proper credential validation, entry is permitted. 3. Free egress at all times. 4. Door remains closed and locked upon power failure(fail secure). 5. Note: Access control and wiring by others.

Images: CRDC6000\_INTRO, CRDC6200\_6400\_xplod, CRDC6200\_DC6400\_MNT, CRDC6200\_SPEC, HA190S\_SPEC, HABB1279\_PROD, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HAF\_190S\_PLATE, HAFIVE\_KNUCKLE\_BB1279\_SPEC, HAWALL\_STOP\_241F\_BL241F, HS2005M3\_ACCESSORIES, HS2005M3\_PROD

### HEADING #1.2 (SET #1)

Opening Description: 3' 0" x 7' 0" x 1 3/4 x WD Type A x HM Type F1 x 45 Min

1 Single Door #103A	BSB	CORRIDOR to PHARM. BS103A		LH
1 Single Door #103B	BSB	CORRIDOR to GRAD. BS103B		RH
1 Single Door #103C	BSB	CORRIDOR to ARCHIVES BS103C		LH

9 Hinge	BB1279 4 1/2 X 4 1/2		US26D	HA
2 Lockset	ML2057 LWA CT7R	LH	626	CR
1 Lockset	ML2057 LWA CT7R	RH	626	CR
3 Core	CR8000 A1		626	CR
3 Closer	DC6200 M54		689	CR
3 Protection Plate	190S 10" x 34" CSK		US32D	HA
3 Wall Stop	232W		US32D	HA
3 Smoke Seal	726 21'		S	HA
3 Automatic Door Bottom	743S N 36"		MIL	HA
3 Card Reader - By SSV	CARD READER - BY SSV			VA01
3 Electric Strike	1600-CLB		630	HS
3 Protection Plate	190S 10" x 35" CSK		US32D	HA
3 Power Controller	2005M3			HS

Note: Description of Operation: 1. Door is normally closed and secure, entry by key leaves lever in locked position. 2. Upon proper credential validation, entry is permitted. 3. Free egress at all times. 4. Door remains closed and locked upon power failure(fail secure). 5. Note: Access control and wiring by others.

Images: CRDC6000\_INTRO, CRDC6200\_6400\_xplod, CRDC6200\_DC6400\_MNT, CRDC6200\_SPEC, HA190S\_SPEC, HABB1279\_PROD, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HAF\_190S\_PLATE, HAFIVE\_KNUCKLE\_BB1279\_SPEC, HS2005M3\_ACCESSORIES, HS2005M3\_PROD

## HEADING #6.2 (SET #6)

Opening Description: 3' 0" x 7' 0" x 1 3/4 x WD Type B x HM Type F2 x 90 Min

1 Single Door #202A.4	BSB	AREA BS202 from CLASSROOM BS202A	90°	LHR
1 Single Door #402.1	BSB	CORRIDOR from CLASSROOM BS402		LHR
1 Single Door #502.1	BSB	CORRIDOR from CLASSROOM BS502		LHR
3 Continuous Hinge	780-224HD 83" UL/STUD		CLR	HA
3 Fire Exit Device	ED5202A x L955 M54	LHR	626, 630	CR
6 Core	CR8000 A1		626	CR
6 Rim Cylinder	CR3080-114-7 CT7R		626	CR
3 Closer	DC6210 A3 M54		689	CR
3 Protection Plate	190S 10" x 34" CSK		US32D	HA
3 Protection Plate	190S 10" x 35" CSK		US32D	HA
3 Dome Floor Stop	241F		US26D	HA
3 Smoke Seal	726 21'		S	HA
3 Auto Door Bottom	743S N 36"		MIL	HA
3 Saddle Threshold	403S 36"		MIL	HA

Images: CR489F70-8(A3), CRDC6000\_INTRO, CRDC6200\_6400\_xplod, CRDC6200\_SPEC, CRDC6210\_DC6410\_MNT, HA190S\_SPEC, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HAF\_190S\_PLATE, HAWALL\_STOP\_241F\_BL241F

## HEADING #6.2A (SET #6)

Opening Description: 3' 0" x 7' 0" x 1 3/4 x WD Type B x HM Type F2 x 90 Min

1 Single Door #302.1	BSB	CORRIDOR from CLASSROOM BS302		LHR
1 Single Door #329.1	BSB	CORR. BS3FL1 from CLASSROOM BS329	90°	LHR
2 Continuous Hinge	780-224HD 83" RETW12 UL/STUD	RH	CLR	HA
2 Fire Exit Device	ED5200A x L9905 M54 MELR	LHR	626, 630	CR
4 Core	CR8000 A1		626	CR
4 Rim Cylinder	CR3080-114-7 CT7R		626	CR
2 Automatic Operator	9531 HDR	RH	ANCLR	LC
2 Protection Plate	190S 10" x 34" CSK		US32D	HA
2 Protection Plate	190S 10" x 35" CSK		US32D	HA
4 Wall Actuator	8310-813			LC

2 Smoke Seal	726 17'	S	HA
2 Auto Door Bottom	743S N 36"	MIL	HA
2 Saddle Threshold	403S 36"	MIL	HA

Images: CR489F70-8(A3), CRDC6000\_INTRO, CRDC6200\_6400\_xplod, CRDC6200\_SPEC, CRDC6210\_DC6410\_MNT, HA190S\_SPEC, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HAF\_190S\_PLATE, HAW\_750S

#### HEADING #6B.2A (SET #6B)

Opening Description: 3' 0" x 7' 0" x 1 3/4 x WD Type B x HM Type F2 x 90 Min

1 Single Door #202A.2	BSB	CORR. BS2FL4 from CLASSROOM BS202A	90°	LHR
1 Single Door #402.2	BSB	CORRIDOR from CLASSROOM BS402	90°	LHR
1 Single Door #502.2	BSB	CORRIDOR from CLASSROOM BS502	90°	LHR

3 Continuous Hinge	780-224HD 83" RETW12 UL/STUD	RH	CLR	HA
3 Fire Exit Device	ED5200A x L959 M54 MELR	LHR	626, 630	CR
3 Core	CR8000 A1		626	CR
3 Rim Cylinder	CR3080-114-7 CT7R		626	CR
3 Protection Plate	190S 10" x 34" CSK		US32D	HA
3 Smoke Seal	726 17'		S	HA
3 Threshold	403S 36"		MIL	HA
6 Wall Actuator	8310-813			LC
3 Card Reader - By SSV(By Others)	CARD READER - BY SSV			VA01
3 Automatic Operator	9531 HDR	RH	ANCLR	LC
3 Protection Plate	190S 10" x 35" CSK		US32D	HA
3 Dome Floor Stop	241F		US26D	HA
3 Door Sweep	750S S 36"		CLR	HA

Note: Description of Operation: 1. Door is normally closed and secure, entry by key leaves lever in locked position. 2. Upon proper credential validation, entry is permitted by manually opening the door or pressing actuator. 4. Interior actuator is always active. 5. Pressing actuators retracts exit device latch and opens door. 6. Free egress at all times. 7. Door remains closed and locked upon power failure(fail secure). Note: Access control and wiring by others.

Images: HA190S\_SPEC, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HAF\_190S\_PLATE, HAW\_750S, HAWALL\_STOP\_241F\_BL241F, LC9540SNGLSURFMNT, LC9540TOPJAMBBSNGLOFFSETMNTS

#### HEADING #6B.6A (SET #6B)

Opening Description: 3' 0" x 7' 0" x 1 3/4 x WD Type B x HM Type F2 x 90 Min

1 Single Door #329.2	BSB	CORR. BS3FL1 from CLASSROOM BS329	90°	RHR
3 Hinge	BB1168 4 1/2 X 4 1/2 NRP		US26D	HA
1 Fire Exit Device	ED5200A x L959 M54 MELR	RHR	626, 630	CR
2 Core	CR8000 A1		626	CR
1 Rim Cylinder	CR3080-114-7 CT7R		626	CR
1 Door Operator	9542 REGARM HDR	LH	ANCLR	LC

1	Protection Plate	190S 10" x 34" CSK		US32D	HA
1	Auto Door Bottom	743S N 36"		MIL	HA
1	Smoke Seal	726 17'		S	HA
1	Threshold	403S 36"		MIL	HA
1	Card Reader - By SSV(By Others)	CARD READER - BY SSV			VA01
1	Fire Exit Device	ED5200A x L959 M54	RHR	626, 630	CR
1	Mortise Cylinder	CR1080-114-A01-6		630	CR
1	Protection Plate	190S 10" x 35" CSK		US32D	HA
1	Magnetic Switch	2-679-0626			HA
1	Door Prop Alarm	29EA MKNC		No Finish	HA

Note: Description of Operation: 1. Door is normally closed and secure, entry by key leaves lever in locked position. 2. Upon proper credential validation, entry is permitted by manually opening the door or pressing actuator. 4. Interior actuator is always active. 5. Pressing actuators retracts exit device latch and opens door. 6. Free egress at all times. 7. Door remains closed and locked upon power failure(fail secure). Note: Access control and wiring by others.

Images: CRE50-L959, CRED5000\_HOWTOORDER, CRED5000\_PROD, CRED5200A\_SPEC, HA190S\_SPEC, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HAF\_190S\_PLATE, LC9540SNGLSURFMNT, LC9540TOPJAMBSNGLOFFSETMNTS

## HEADING #2 (SET #2)

Opening Description: 3' 0" x 7' 0" x 1 3/4 x WD Type D x HM Type F4 x 90 Min

1	Single Door #130.1	BSB	LANDING from AUDITORIUM BS130	90°	RHR
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1	Continuous Hinge	780-224HD 83" UL/STUD		CLR	HA
1	Fire Exit Device	ED5200A x L955 M54	RHR	630	CR
1	Core	CR8000 A1		626	CR
1	Rim Cylinder	CR3080-114-7		626	CR
1	Closer	DC6210 A4 M54		689	CR
1	Protection Plate	190S 10" x 34" CSK		US32D	HA
1	Protection Plate	190S 10" x 35" CSK		US32D	HA
1	Floor Stop	241F		US26D	HA
1	Smoke Seal	726 17'		S	HA
1	Door Sweep	750S S 36"		CLR	HA
1	Saddle Threshold	403S 36"		MIL	HA

Images: CR566F33-8(A4), CRDC6000\_INTRO, CRDC6200\_6400\_xplod, CRDC6200\_SPEC, CRDC6210\_DC6410\_MNT, HA190S\_SPEC, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HAF\_190S\_PLATE, HAW\_750S, HAWALL\_STOP\_241F\_BL241F

## HEADING #2A (SET #2A)

Opening Description: 3' 0" x 7' 0" x 1 3/4 x WD Type D x HM Type F4 x 90 Min

1	Single Door #130.2	BSB	LIFT AREA from AUDITORIUM BS130	90°	LHR
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1	Continuous Hinge	780-224HD 83" RETW12 UL/STUD	RH	CLR	HA
1	Fire Exit Device	ED5200A x L9905 M54 MELR	LHR	626, 630	CR

1 Core	CR8000 A1		626	CR
1 Rim Cylinder	CR3080-114-7		626	CR
1 Door Operator	9531 HDR	RH	ANCLR	LC
1 Protection Plate	190S 10" x 34" CSK		US32D	HA
1 Floor Stop	241F		US26D	HA
1 Smoke Seal	726 17'		S	HA
1 Door Sweep	750S S 36"		CLR	HA
1 Threshold	403S 36"		MIL	HA
2 Wall Actuator	8310-813			LC
1 Card Reader - By SSV	CARD READER - BY SSV			VA01
1 Protection Plate	190S 10" x 35" CSK		US32D	HA

Note: Description of Operation: 1. Door is normally closed and secure, entry by key leaves lever in locked position. 2. Upon proper credential validation, entry is permitted by manually opening the door or pressing actuator. 3. Outside actuator is temporarily activated after a valid credential read. 4. Interior actuator is always active. 5. Pressing actuators retracts exit device latch and opens door. 6. Free egress at all times. 7. Door remains closed and locked upon power failure(fail secure). Note: Access control and wiring by others.

Images: HA190S\_SPEC, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HAF\_190S\_PLATE, HAW\_750S, HAWALL\_STOP\_241F\_BL241F

### HEADING #3 (SET #3)

Opening Description: 3' 0" x 7' 0" x 1 3/4 x WD Type A x HM Type F1 x 45 Min

1 Single Door #102B	BSB	CORRIDOR to OFFICE EL102B	90°	LH
3 Hinge	BB1279 4 1/2 X 4 1/2		US26D	HA
1 Lockset	ML2053 LWA CT7R	LH	626	CR
1 Core	CR8000 A1		626	CR
1 Closer	DC6230 M54		689	CR
1 Protection Plate	190S 10" x 34" CSK		US32D	HA
1 Protection Plate	190S 10" x 35" CSK		US32D	HA
1 Smoke Seal	726 21'		S	HA
1 Automatic Door Bottom	743S N 36"		MIL	HA

Images: HA190S\_SPEC, HAB1279\_PROD, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HAF\_190S\_PLATE, HAFIVE\_KNUCKLE\_BB1279\_SPEC

### HEADING #4 (SET #4)

Opening Description: 2 - 3' 0" x 7' 0" x 1 3/4 x WD Type C x HM Type F3 x 90 Min

1 Pair Doors #130.5	BSB	LOBBY BS1FL9 from AUDITORIUM BS130	90°	LHR\RHR
1 Pair Doors #130.6	BSB	LOBBY BS1FL9 from AUDITORIUM BS130	90°	LHR\RHR
2 Continuous Hinge	780-224HD 83" RETW12 UL/STUD	LH	CLR	HA
2 Continuous Hinge	780-224HD 83" RETW12 UL/STUD	RH	CLR	HA
4 Core	CR8000 A1		626	CR

4	Rim Cylinder	CR3080-114-7 CT7R		626	CR
4	Closer	DC6210 A3 M54		689	CR
4	Protection Plate	190S 10" x 35" CSK		US32D	HA
4	Electromagnetic Door Holder	380F 12 & 24		LS	HA
2	Smoke Seal	726 21'		S	HA
4	Astagal	802S B 84"		MIL	HA
4	Door Sweep	750S S 36"		CLR	HA
2	Threshold	403S 72"		MIL	HA
2	Pushbutton Switch	621GID		630	LO
2	Fire Exit Device	ED5860B x L9903 M54	LHR	630	CR
2	Fire Exit Device	ED5860B x L9903 M54	RHR	630	CR

Note: Note: 1. Doors can be held by single-piont holder mechanisms that are connected to the fire alarm system. 2. In emergency mode the holder mechanisms are deactivated allowing the doors to close and latch. 3. Provide the correct mountings and related accessories for the 380's as conditions dictate. 4. Power and Wiring of magnetic holder to fire alarm system provided by others. Description of Operation: 1. Doors are opened with key and held open by magnetic hold-opens. 2. In an emergency, either push button switch is pressed cutting power to the magnetic hold-opens and allowing the doors to close and latch.

Images: CR489F70-8(A3), CRDC6000\_INTRO, CRDC6200\_6400\_xplod, CRDC6200\_SPEC, CRDC6210\_DC6410\_MNT, HA190S\_SPEC, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HAF\_190S\_PLATE, HAW\_750S

## HEADING #5 (SET #5)

Opening Description: 3' 0" x 7' 0" x 1 3/4 x WD Type B x HM Type F2

1	Single Door #202A.1	BSB	CLASSROOM BS202A from CLOSET BS202A2	LHR	
1	Single Door #202A.3	BSB	CLASSROOM BS202A from CLOSET BS202A1	RHR	
6	Hinge	BB1279 4 1/2 x 4 1/2 NRP		US26D	HA
1	Lockset	ML2057 LWA CT7R	LHR	626	CR
1	Lockset	ML2057 LWA CT7R	RHR	626	CR
2	Core	CR8000 A1		626	CR
2	Protection Plate	190S 10" x 34" CSK		US32D	HA
2	Protection Plate	190S 10" x 35" CSK		US32D	HA
2	Wall Stop	232W		US32D	HA
6	Door Silencer	307D		GREY	HA

Images: HA190S\_SPEC, HA307D\_PROD, HABB1279\_FIVE\_KNUCKLE\_HINGES, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HADOOR\_SILENCER\_307D, HAF\_190S\_PLATE, HAFIVE\_KNUCKLE\_BB1279\_SPEC

## HEADING #5.1 (SET #5)

Opening Description: 3' 0" x 7' 0" x 1 3/4 x WD Type B x HM Type F2 x 90 Min

1	Single Door #329.3	BSB	CLASSROOM BS329 to CLOSET BS3M13A	RH	
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3 Hinge	BB1279 4 1/2 x 4 1/2 NRP		US26D	HA
1 Lockset	ML2057 LWA CT7R	RH	626	CR
1 Core	CR8000 A1		626	CR
1 Closer	DC6210 A3 M54		689	CR
1 Protection Plate	190S 10" x 34" CSK		US32D	HA
1 Protection Plate	190S 10" x 35" CSK		US32D	HA
1 Wall Stop	232W		US32D	HA
1 Smoke Seal	726 17'		S	HA
3 Door Silencer	307D		GREY	HA

Images: CR489F70-8(A3), CRDC6000\_INTRO, CRDC6200\_6400\_xplod, CRDC6200\_SPEC, CRDC6210\_DC6410\_MNT, HA190S\_SPEC, HA307D\_PROD, HABB1279\_FIVE\_KNUCKLE\_HINGES, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HADOOR\_SILENCER\_307D, HAF\_190S\_PLATE, HAFIVE\_KNUCKLE\_BB1279\_SPEC

#### HEADING #6A (SET #6A)

Opening Description: 3' 0" x 7' 0" x 1 3/4 x WD Type B x HM Type F2 x 90 Min

1 Single Door #302.2	BSB	CORRIDOR from CLASSROOM BS302	90°	LHR
1 Single Door #402.3	BSB	CORR. BS4FL1 from CLASSROOM BS402	90°	RHR
1 Single Door #402.4	BSB	CORRIDOR from CLASSROOM BS402	90°	LHR
1 Single Door #502.3	BSB	CORR. BS5FL1 from CLASSROOM BS502	90°	RHR
1 Single Door #502.4	BSB	CORRIDOR from CLASSROOM BS502	90°	LHR

15 Hinge	BB1168 4 1/2 X 4 1/2 NRP		US26D	HA
3 Fire Exit Device	ED5202A x L955 M54	LHR	626, 630	CR
2 Fire Exit Device	ED5202A x L955 M54	RHR	626, 630	CR
15 Core	CR8000 A1		626	CR
10 Rim Cylinder	CR3080-114-7 CT7R		626	CR
5 Mortise Cylinder	CR1080-114-A01-6		630	CR
5 Closer	DC6210 A4 M54		689	CR
5 Protection Plate	190S 10" x 34" CSK		US32D	HA
5 Door Prop Alarm	29EA-M		US28	VA01
5 Smoke Seal	726 17'		S	HA
5 Auto Door Bottom	743S N 36"		MIL	HA
5 Magnetic Switch	2-679-0626			HA
5 Protection Plate	190S 10" x 35" CSK		US32D	HA

Note: Description of Operation: 1. Door position switch signals security system whether the door is open or closed. 2. If door is opened, local alarm sounds and also sends a signal to the security system. 3. Mortise cylinder is available for local bypass and alarm reset controls. 4. Wiring of door position switch to security system by others.

Images: CR566F33-8(A4), CRDC6000\_INTRO, CRDC6200\_6400\_xplod, CRDC6200\_SPEC, CRDC6210\_DC6410\_MNT, HA190S\_SPEC, HADOOR\_PROTECTION\_PLATE\_190S\_193S\_194S\_198S, HAF\_190S\_PLATE



## Opening List

Building Area: BSB

<u>Opening</u>	<u>Hdw Set</u>	<u>Hdw Heading</u>	<u>Opening Label</u>	<u>Door Type</u>	<u>Frame Type</u>
102B	3	3	45 Min	A	F1
102BTP			45 Min	ATP	TP
103	1	1.1	45 Min	A	F1
103TP			45 Min	ATP	TP
103A	1	1.2	45 Min	A	F1
103ATP			45 Min	ATP	TP
103B	1	1.2	45 Min	A	F1
103BTP			45 Min	ATP	TP
103C	1	1.2	45 Min	A	F1
103CTP			45 Min	ATP	TP
130.1	2	2	90 Min	D	F4
130.1TP			90 Min	DTP	TP
130.2	2A	2A	90 Min	D	F4
130.2TP			90 Min	DTP	TP
130.5	4	4	90 Min	C	F3
130.6	4	4	90 Min	C	F3
202A.1	5	5		B	F2
202A.2	6B	6B.2A	90 Min	B	F2
202A.3	5	5		B	F2
202A.4	6	6.2	90 Min	B	F2
302.1	6	6.2A	90 Min	B	F2
302.2	6A	6A	90 Min	B	F2
329.1	6	6.2A	90 Min	B	F2
329.2	6B	6B.6A	90 Min	B	F2
329.3	5	5.1	90 Min	B	F2
402.1	6	6.2	90 Min	B	F2
402.2	6B	6B.2A	90 Min	B	F2
402.3	6A	6A	90 Min	B	F2
402.4	6A	6A	90 Min	B	F2
502.1	6	6.2	90 Min	B	F2
502.2	6B	6B.2A	90 Min	B	F2
502.3	6A	6A	90 Min	B	F2
502.4	6A	6A	90 Min	B	F2