

DOOR HARDWARE

08 71 00

PROJECT:



Sunnybrook Health Science Centre
K Wing Hematology
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Toronto, ON

ARCHITECT:

NORR

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Architectural Hardware Finishes

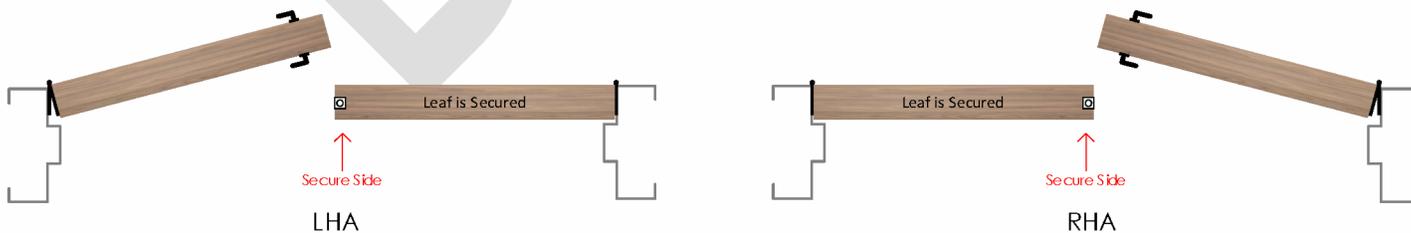
	Steel	Stainless Steel	Brass/Bronze	Aluminum	Paint/Powder Coat	US/CAN
Clear Anodized				628	689	US28
Satin Nickel	646		619	670		US15
Polished Nickel	645		618	669		US14
Satin Stainless Steel		630				US32D
Polished Stainless Steel		629				US32
Satin Chrome	652		626	702		US26D
Polished Chrome	651		625	672		US26
Satin Brass	633		606	667	678	US4
Polished Brass	632		605	666	677	US5
Satin Bronze	639		612	668	680	US10
Oil Rubbed Bronze	640		613	703	695	US10B
Flat Black / Anodized Black	631		622	671	693	US19

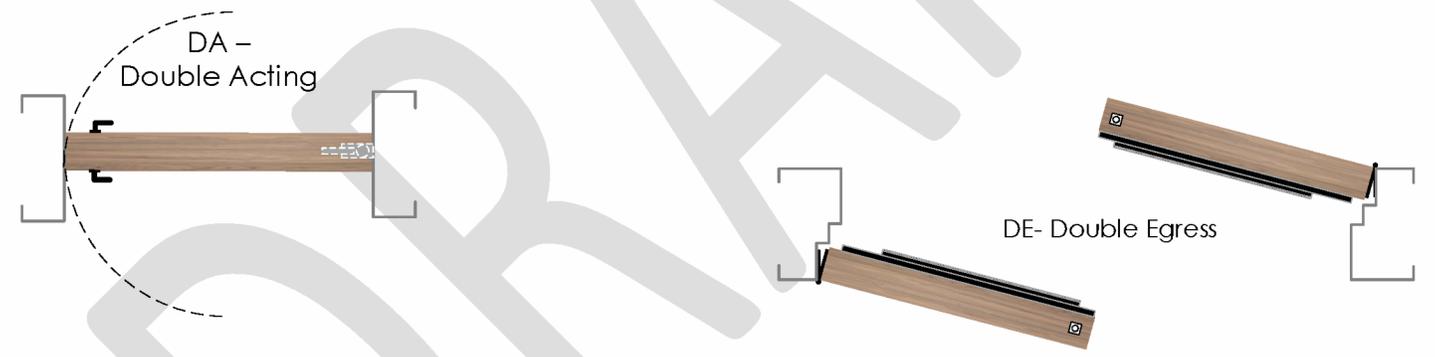
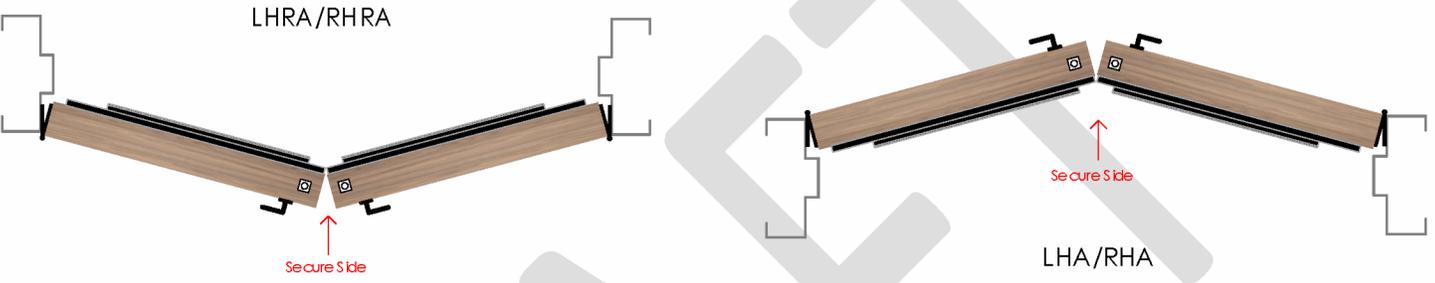
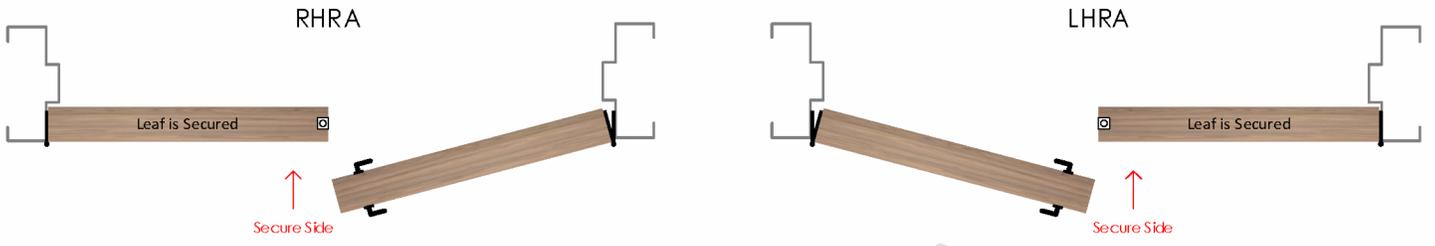
Door Handing's

Abbreviaions

RH = Right Hand	RHA = Right Hand Active	SS = Single Slider
LH = Left Hand	LHA = Left Hand Active	BP = Bi-Parting Slider
RHR = Right Hand Reverse	RHA/LHA = Right & Left Hands Active	BF = Bi-Folding Slider
LHR = Left Hand Reverse	RHRA/LHRA = Right & Left Hand Reverse Active	TS = Telescopic Slider
RHRA = Right Hand Reverse Active	DA = Double Acting	PKT = Pocket Slider
LHRA = Left Hand Reverse Active	DE = Double Egress	

NOTE: The handing of a swing door is determined by placing yourself on the secured or keyed side of the door.





Products & Alternatives

NOTE: Only those products / brands listed here are acceptable and should be used to form a bid price. No unsolicited products will be considered. If acceptable alternates are listed here those too can be used to form a bid price provided, they are exactly the same as the specified item. If using an alternate product to form a price it is the bidder's responsibility to ensure that product is identical in every way to the specified item. If no alternates are listed, no alternate products are acceptable.

Product Type	Product#	Manufacturer	Alternate Manufacturer 1	Alternate Manufacturer 2
Continuous Hinge	SL11HD	Select		
Power Transfer	EPT-10	Von Duprin		
Lockset	L9000 series	Schlage		
Door Closer	4011	LCN		
Electric Strike	1006	HES		
Overhead Stop	100 series	Glynn Johnson		
Auto Door operator	ED100 / ED250	Dormakaba		
Wave Actuator	CM-331	Camden		
Logic Relay	CX-33	Camden		
Restroom Control Kit	CX-WC16	Camden		
Emergency Call Kit	CX-WEC10K2	Camden		
Kickplate	K10A	Standard Metal		
Flush Bolt	F65UL	Standard Metal		
Smoke / Sound Seal	W-66	KN Crowder		
Door Bottom	CT-53	KN Crowder		

Symbols



- Door has a fire rating and all associated hardware must have a fire label to suit. Must comply with local requirements.



- Door is automatic and is equipped with an auto operator. Door must meet local barrier free codes



- Door has an electrical requirement and requires power to be brought to the appropriate location above the door or to the latch, for either security or barrier free applications. Refer to security & electrical drawings for further information.



- Door requires security card access. Refer to security / electrical drawings for further information.

Abbreviations

Door:

HMD = Hollow Metal Door
IHMD = Insulated Hollow Metal Door
ALD = Aluminum Door
IC-ALD = Insulated Clad Aluminum Door
SCWD = Solid Core Wood Door
HCWD = Hollow Core Wood Door
FGD = Frameless Glass Door
FRP = Fiberglass Reinforced Plastic Door
OHD = Overhead Door

Frame:

HMF = Hollow Metal Frame
ALF = Aluminum Frame
Cased Open HMF = Cased Open Hollow Metal Frame
WDF = Wood Frame
Cased Open WDF = Cased Open Wood Frame
Cased Open Drywall = Cased Open Drywall

Fire Ratings:

0 HR – Zero Hour Fire Rating / Smoke Barrier
20 MIN – 20 Minute Fire Rating
¼ HR – 45 Minute Fire rating
1 ½ HR – 90 Minute Fire Rating
2 HR – 120 Minute Fire Rating
3 HR – 180 Minute Fire Rating

Disclaimer

Weblinks:

Weblinks do change from time to time as manufacturers move around their websites, please inform us if you have a none functioning weblink.

HARDWARE SCHEDULE



Heading# 1

Opening Information					
Opening Type:	Single	Opening Size:	3'2" x 7'0" x 1 1/4"	STC Rating	None
Door Material:	SCWD	Frame Material:	HMF	Fire Rating	None

1 Total Openings								
1	Door#	K3C00A. 1	Location:	Corridor	To	Reception K3C00A	Handing:	LH

Web Link
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By Hardware Supplier

1	Continuous Hinge	SL11HD x 83" x TIPIT	628 / US28 / Clear Anodized	Select	Web Link	<input type="checkbox"/>
1	Storeroom Lockset	L9080BDC-03B	630 / US32D / Satin Stainless Steel	Schlage	Web Link	<input type="checkbox"/>
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES	Web Link	<input type="checkbox"/>
1	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson	Web Link	<input type="checkbox"/>
1	Door Closer	4011 x ST-1544	689 / US28 / Painted Aluminum	LCN	Web Link	<input type="checkbox"/>
1	Mounting Plate	4010-18	689 / US28 / Painted Aluminum	LCN	Web Link	<input type="checkbox"/>
1	Kickplate	K10A 10" x 36 1/2"	630 / US32D / Satin Stainless Steel	Standard Metal	Web Link	<input type="checkbox"/>
1	Smoke / Sound Seal	W-66 x 17'2"	Black	KN Crowder	Web Link	<input type="checkbox"/>

By Security Supplier

1	Card Reader	By Security Supplier			Web Link	<input type="checkbox"/>
1	Door Contact	By Security Supplier			Web Link	<input type="checkbox"/>
1	Request to Exit	By Security Supplier			Web Link	<input type="checkbox"/>
1	Door Controller	By Security Supplier			Web Link	<input type="checkbox"/>
1	Power Supply	By Security Supplier			Web Link	<input type="checkbox"/>

By Owner

1	Permanent Cylinder	Best Coremax SFIC by Sunnybrook Locksmith	626 / US26D / Satin Chrome	Best		<input type="checkbox"/>
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Method of Operation:

Ingress: Valid card authorization releases the electric strike allowing ingress.

Egress: Rotating the lever allows egress, the request to exit sensor alerts security of an authorized exit.

-----End of Heading-----

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Heading#

2

Opening Information					
Opening Type:	Single	Opening Size:	3'2" x 7'0" x 1 3/4"	STC Rating	STC 35
Door Material:	SCWD	Frame Material:	HMF	Fire Rating	None

3	Total Openings							
1	Door#	K3C00B. 1	Location:	Corridor	To	Staff Room K3C00B	Handing:	LH
1	Door#	K3C00C. 1	Location:	Corridor	To	Team Room K3C00C	Handing:	RH
1	Door#	K3C62.1	Location:	Corridor	To	Private Meeting Room K3C62	Handing:	LH

Web Link
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By Hardware Supplier					
3	Continuous Hinge	SL11HD x 83" x TIPIT	628 / US28 / Clear Anodized	Select	 <input type="checkbox"/>
3	Office Lockset	L9050BDC-03B	630 / US32D / Satin Stainless Steel	Schlage	 <input type="checkbox"/>
3	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson	 <input type="checkbox"/>
3	Door Closer	4011 x ST-1544	689 / US28 / Painted Aluminum	LCN	 <input type="checkbox"/>
3	Mounting Plate	4010-18	689 / US28 / Painted Aluminum	LCN	 <input type="checkbox"/>
3	Kickplate	K10A 10" x 36 1/2"	630 / US32D / Satin Stainless Steel	Standard Metal	 <input type="checkbox"/>
3	Smoke / Sound Seal	W-66 x 17'2"	Black	KN Crowder	 <input type="checkbox"/>
3	Door Bottom	CT-53 x 38"	719 Milled Aluminum	KN Crowder	 <input type="checkbox"/>
By Owner					
3	Permanent Cylinder	Best Coremax SFIC by Sunnybrook Locksmith	626 / US26D / Satin Chrome	Best	 <input type="checkbox"/>

-----End of Heading-----

Opening Information					
Opening Type:	Single	Opening Size:	3'2" x 7'0" x 1 3/4"	STC Rating	STC 35
Door Material:	SCWD	Frame Material:	HMF	Fire Rating	None

4	Total Openings							
1	Door#	K3C00E. 1	Location:	Corridor	To	APN Office K3C00E	Handing:	RH
1	Door#	K3C00F. 1	Location:	Corridor	To	SW Office K3C00F	Handing:	RH
1	Door#	K3C00G. 1	Location:	Corridor	To	MD Office K3C00G	Handing:	RH
1	Door#	K3C00H. 1	Location:	Corridor	To	PCM Office K3C00HE	Handing:	LH

[Web Link](#)
[Site Verified](#)

By Hardware Supplier							
4	Continuous Hinge	SL11HD x 83" x TIPIT	628 / US28 / Clear Anodized	Select		<input type="checkbox"/>	
4	Office Lockset	L9050BDC-03B	630 / US32D / Satin Stainless Steel	Schlage		<input type="checkbox"/>	
4	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>	
4	Smoke / Sound Seal	W-66 x 17'2"	Black	KN Crowder		<input type="checkbox"/>	
4	Door Bottom	CT-53 x 38"	719 Milled Aluminum	KN Crowder		<input type="checkbox"/>	
By Owner							
4	Permanent Cylinder	Best Coremax SFIC by Sunnybrook Locksmith	626 / US26D / Satin Chrome	Best		<input type="checkbox"/>	

-----End of Heading-----



Heading# 4

Opening Information				
Opening Type:	Single	Opening Size:	4'0" x 7'0" x 1 3/4"	STC Rating STC 45
Door Material:	HMD	Frame Material:	HMF	Fire Rating None

2	Total Openings						
1	Door#	K3C21.1	Location:	Corridor 3200C	From	Patient Room K3C21	Handing: LHR
1	Door#	K3C21A. 2	Location:	Exam Room K3C21A	From	Patient Room K3C21	Handing: LHR

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By Hardware Supplier						
	Hinge	By STC Door Manufacturer				<input type="checkbox"/>
2	Passage Set	L9010-03B	630 / US32D / Satin Stainless Steel	Schlage		<input type="checkbox"/>
2	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES		<input type="checkbox"/>
2	Overhead Stop	106S	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
4	Armour Plate	K10A 34" x 46 1/2"	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
2	Sound Seal	By STC Door Manufacturer				<input type="checkbox"/>
2	Door Bottom	By STC Door Manufacturer				<input type="checkbox"/>
By Automatics Supplier						
2	Auto Door Operator	ED250-4X6-SGL-PUSH-NH-CL 48-19	689 / US28 / Painted Aluminum	Dormakaba		<input type="checkbox"/>
4	Wave Actuator	CM-331/42-SWSGLR	630 / US32D / Satin Stainless Steel	Camden		<input type="checkbox"/>
2	Logic Relay	CX-33		Camden		<input type="checkbox"/>

Notes:

- 120VAC is required at the head of the door for all barrier free door operators, 15A dedicated circuit. Wall/Frame must be reinforced for automatic operator mounting, all conduit and back boxes with pull cords are to be provided by the electrical contractor.
- Electrician to confirm wire locations with auto door operator supplier prior to pulling wires.

-----End of Heading-----



Heading#

5

Opening Information

Opening Type:	Pair	Opening Size:	1 – 4'0" & 1 – 2'0" x 7'0" x 1 3/4"	STC Rating	STC 45
Door Material:	HMD	Frame Material:	HMF	Fire Rating	None

1	Total Openings							
1	Door#	K3C21A. 1	Location:	Corridor 3200C	To	Exam Room K3C21A	Handing:	LHA

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By Hardware Supplier

	Hinge	By STC Door Manufacturer				<input type="checkbox"/>
2	Power Transfer	EPT-10	689 / US28 / Painted Aluminum	Von Duprin		<input type="checkbox"/>
1	Storeroom Lockset	RX-L9080BDC-03B	630 / US32D / Satin Stainless Steel	Schlage		<input type="checkbox"/>
1	Flush Bolt	F65UL	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES		<input type="checkbox"/>
1	Overhead Stop	102S	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
1	Overhead Stop	106S	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
2	Armour Plate	K10A 34" x 22 1/2"	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
2	Armour Plate	K10A 34" x 46 1/2"	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Sound Seal	By STC Door Manufacturer				<input type="checkbox"/>
1	Door Bottom	By STC Door Manufacturer				<input type="checkbox"/>

By Security Supplier

1	Card Reader	By Security Supplier				<input type="checkbox"/>
2	Door Contact	By Security Supplier				<input type="checkbox"/>
1	Request to Exit	Located in lockset wired by Security Supplier				<input type="checkbox"/>
1	Door Controller	By Security Supplier				<input type="checkbox"/>
1	Power Supply	By Security Supplier				<input type="checkbox"/>

By Automatics Supplier

1	Auto Door Operator	ED250-4X6-SGL-PULL-NH-CL 48-19	689 / US28 / Painted Aluminum	Dormakaba		<input type="checkbox"/>
2	Wave Actuator	CM-331/42-SWSGLR	630 / US32D / Satin Stainless Steel	Camden		<input type="checkbox"/>
1	Logic Relay	CX-33		Camden		<input type="checkbox"/>
By Owner						
1	Permanent Cylinder	Best Coremax SFIC by Sunnybrook Locksmith	626 / US26D / Satin Chrome	Best		<input type="checkbox"/>

Notes:

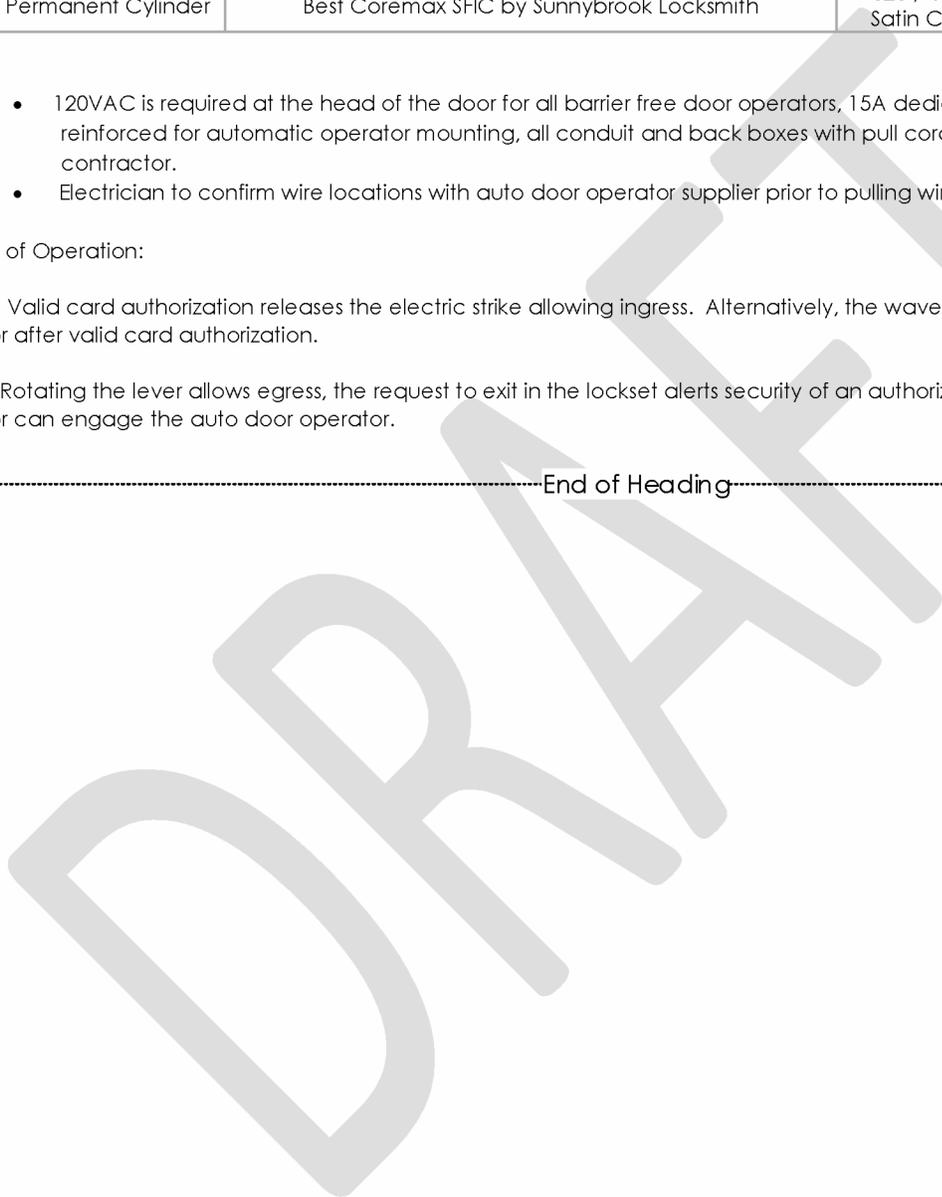
- 120VAC is required at the head of the door for all barrier free door operators, 15A dedicated circuit. Wall/Frame must be reinforced for automatic operator mounting, all conduit and back boxes with pull cords are to be provided by the electrical contractor.
- Electrician to confirm wire locations with auto door operator supplier prior to pulling wires.

Method of Operation:

Ingress: Valid card authorization releases the electric strike allowing ingress. Alternatively, the wave actuator can engage the auto door operator after valid card authorization.

Egress: Rotating the lever allows egress, the request to exit in the lockset alerts security of an authorized exit. Alternatively, the wave actuator can engage the auto door operator.

-----End of Heading-----





Heading#

6

Opening Information

Opening Type:	Single	Opening Size:	3'4" x 7'0" x 1 3/4" (Existing SCWD door and HMF frame)	STC Rating	None
Door Material:	Existing	Frame Material:	Existing	Fire Rating	None

1	Total Openings							
1	Door#	K3C23A.1	Location:	Patient Room	From	Washroom K3C23A	Handing:	RHR

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By Hardware Supplier

		Remainder of hardware to be re-used existing	628 / US28 / Clear Anodized	Select		<input type="checkbox"/>
1	Storeroom Lockset	L9080BDC-03B	630 / US32D / Satin Stainless Steel	Schlage		<input type="checkbox"/>
1	Electric Strike	1006CS (fail safe)	630 / US32D / Satin Stainless Steel	HES		<input type="checkbox"/>

By Automatics Supplier

1	Auto Door Operator	ED100-4X6-SGL-PULL-NH-CL 40-19	689 / US28 / Painted Aluminum	Dormakaba		<input type="checkbox"/>
1	Touchless Restroom Control Kit	CX-WC16	630 / US32D / Satin Stainless Steel	Camden		<input type="checkbox"/>
1	Emergency Call Kit	CX-WEC10K2	630 / US32D / Satin Stainless Steel	Camden		<input type="checkbox"/>

By Owner

1	Permanent Cylinder	Best Coremax SFIC by Sunnybrook Locksmith	626 / US26D / Satin Chrome	Best		<input type="checkbox"/>
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Notes:

- 120VAC is required at the head of the door for all barrier free door operators, 15A dedicated circuit. Wall/Frame must be reinforced for automatic operator mounting, all conduit and back boxes with pull cords are to be provided by the electrical contractor.
- Electrician to confirm wire locations with auto door operator supplier prior to pulling wires.

Method of Operation:

Ingress: Manually pull the door for ingress. Alternatively, the touchless button engages the auto door operator. Once inside the washroom the touchless 'wave to lock' actuator locks the outside wall actuator and engages the electric strike. The outside actuator changes colour to indicate the washroom is in use. In the event of an emergency, push the emergency button and audible/visual signal will activate and the door will unlock for access, while sending a signal to the nurse station.

Egress: Rotate lever for manual egress, alternatively the actuator will engage the auto operator.

-----End of Heading-----

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Heading# 7

Opening Information				
Opening Type:	Single	Opening Size:	3'2" x 7'0" x 1 1/4"	STC Rating None
Door Material:	HMD	Frame Material:	HMF	Fire Rating None

1 Total Openings								
1	Door#	K3C39.1	Location:	Corridor	To	Storage Room K3C39.1	Handing:	LH

Web Link
Site Verified

By Hardware Supplier					
1	Continuous Hinge	SL11HD x 83" x TIPIT	628 / US28 / Clear Anodized	Select	Web Link <input type="checkbox"/>
1	Storeroom Lockset	L9080BDC-03B	630 / US32D / Satin Stainless Steel	Schlage	Web Link <input type="checkbox"/>
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES	Web Link <input type="checkbox"/>
1	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson	Web Link <input type="checkbox"/>
1	Door Closer	4011 x ST-1544	689 / US28 / Painted Aluminum	LCN	Web Link <input type="checkbox"/>
1	Mounting Plate	4010-18	689 / US28 / Painted Aluminum	LCN	Web Link <input type="checkbox"/>
1	Kickplate	K10A 10" x 36 1/2"	630 / US32D / Satin Stainless Steel	Standard Metal	Web Link <input type="checkbox"/>
1	Smoke / Sound Seal	W-66 x 17"2"	Black	KN Crowder	Web Link <input type="checkbox"/>

By Security Supplier					
1	Card Reader	By Security Supplier			Web Link <input type="checkbox"/>
1	Door Contact	By Security Supplier			Web Link <input type="checkbox"/>
1	Request to Exit	By Security Supplier			Web Link <input type="checkbox"/>
1	Door Controller	By Security Supplier			Web Link <input type="checkbox"/>
1	Power Supply	By Security Supplier			Web Link <input type="checkbox"/>

By Owner					
1	Permanent Cylinder	Best Coremax SFIC by Sunnybrook Locksmith	626 / US26D / Satin Chrome	Best	Web Link <input type="checkbox"/>

Method of Operation:

Ingress: Valid card authorization releases the electric strike allowing ingress.

Egress: Rotating the lever allows egress, the request to exit sensor alerts security of an authorized exit.

-----End of Heading-----

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Heading#

8

Opening Information				
Opening Type:	Single	Opening Size:	3'2" x 7'0" x 1 1/4"	STC Rating STC 35
Door Material:	HMD	Frame Material:	HMF	Fire Rating None

1 Total Openings							
1	Door#	K3C00D. 1	Location:	Corridor	To	Locker Room K3C00D	Handing: RH

Web Link
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By Hardware Supplier					
1	Continuous Hinge	SL11HD x 83" x TIPIT	628 / US28 / Clear Anodized	Select	<input type="checkbox"/>
1	Storeroom Lockset	L9080BDC-03B	630 / US32D / Satin Stainless Steel	Schlage	<input type="checkbox"/>
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES	<input type="checkbox"/>
1	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson	<input type="checkbox"/>
1	Door Closer	4011 x ST-1544	689 / US28 / Painted Aluminum	LCN	<input type="checkbox"/>
1	Mounting Plate	4010-18	689 / US28 / Painted Aluminum	LCN	<input type="checkbox"/>
1	Kickplate	K10A 10" x 36 1/2"	630 / US32D / Satin Stainless Steel	Standard Metal	<input type="checkbox"/>
1	Smoke / Sound Seal	W-66 x 17'2"	Black	KN Crowder	<input type="checkbox"/>
1	Door Bottom	CT-53 x 38"	719 Milled Aluminum	KN Crowder	<input type="checkbox"/>
By Security Supplier					
1	Card Reader	By Security Supplier			<input type="checkbox"/>
1	Door Contact	By Security Supplier			<input type="checkbox"/>
1	Request to Exit	By Security Supplier			<input type="checkbox"/>
1	Door Controller	By Security Supplier			<input type="checkbox"/>
1	Power Supply	By Security Supplier			<input type="checkbox"/>
By Owner					
1	Permanent Cylinder	Best Coremax SFIC by Sunnybrook Locksmith	626 / US26D / Satin Chrome	Best	<input type="checkbox"/>

Method of Operation:

Ingress: Valid card authorization releases the electric strike allowing ingress.

Egress: Rotating the lever allows egress, the request to exit sensor alerts security of an authorized exit.

-----End of Heading-----

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Heading#

9

Opening Information					
Opening Type:	Pair	Opening Size:	2 - 1'6" x 7'0" x 1 3/4"	STC Rating	STC 35
Door Material:	SCWD	Frame Material:	HMF	Fire Rating	None

1	Total Openings							
1	Door#	K3C00C. 2	Location:	Team Room K3C00C	From	AV Closet	Handing:	RHRA

Web Link
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By Hardware Supplier								
2	Continuous Hinge		SL11HD x 83" x TIPIT		628 / US28 / Clear Anodized	Select		<input type="checkbox"/>
1	Flush Bolt		F65UL		630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Storeroom Lockset		L9080BDC-03B		630 / US32D / Satin Stainless Steel	Schlage		<input type="checkbox"/>
2	Overhead Stop		1026		630 / US32D / Satin Stainless Steel	ABH		<input type="checkbox"/>
1	Smoke / Sound Seal		W-66 x 15'6"		Black	KN Crowder		<input type="checkbox"/>
1	Astragal Set		W-25 x 2/7"		628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>
2	Door Bottom		CT-53 x 18"		719 Milled Aluminum	KN Crowder		<input type="checkbox"/>
By Owner								
1	Permanent Cylinder		Best Coremax SFIC by Sunnybrook Locksmith		626 / US26D / Satin Chrome	Best		<input type="checkbox"/>

-----End of Heading-----

End of Door Hardware Schedule