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# HARDWARE GROUPS

If you need additional details about the hardware options available, review the hardware template prior to making a selection.

#### SAVING

Always remember to save your hardware group! It is easy to remember to save the piece of hardware you're working on, but it can be just as easy to forget the **Second** save that saves the **Entire Group**.

1147428 Order		Project Header	Detail A	udit Hardware Elevations Faces Set Matching ETO Summary Workflow Bypass Create Ca	se :
Hardware Groups / HG-1 Norm HG-1				#2 Swo	Delete
Device Mandetore QLYNN JOHNSON	Χ.Ψ	#1 Save	Cancel × •	Devices Manufacture Type Code Trim Template Oty Backset Location Sex Location Per-User-Lo-	Site
Cate HL6-9453 Specification HOSP LATCH HORIZ MOUNTING/LEAD	× •	Too NOT APPLICABLE Tooptin INST HUMBSUD96	•	OENERIC HINOE 4 12 INCH II: NOT APPLICABLE ANSI STD 4 1.4 PER FRAME H  O selected / 1 Istal	olstein, Neer
Service See 2015-05-29	•	Sinte NOT APPLICABLE	*		
Options function 2.344 INCH	× •				
Locations Patiture, Newnah, Hagenstewn Country 1 PER FRAME		X •			

## HARDWARE SELECTIONS

Use the "Search New" option to key in hardware information into the column headers to filter through the pre-programmed hardware preps.

- When first entering the hardware group, the system will immediately provide the "new" menu
- Click cancel to select "Search New"
- See example below: Manufacturer: Schlage Template: L940

Hardware Groups / LM9292	2						Save Cancel Delete
LM9292			Notes				
Search All Devices							Clear Filters Cancel
Az Schlage	AZ Type	47 Code	47 Trim	<sup>42</sup> Specification	Tampiata AF L940	47 Template Date	A2 Strike
SCHLAGE	MULTI-POINT LATCH DEVICE	LM9292 EL/EU	A & B TRIMS	NOT APPLICABLE	L940	2020-06-01	NOT APPLICABLE
SCHLAGE	MULTI-POINT LATCH DEVICE LBR	LM9292 EL/EU LBL	A & B TRIMS	NOT APPLICABLE	L940	2015-05-01	NOT APPLICABLE
SCHLAGE	MULTI-POINT LATCH DEVICE	LM9200 EL/EU	NOT APPLICABLE	LOCK BODY ONLY	L940	2020-06-01	NOT APPLICABLE
SCHLAGE	MULTI-POINT LATCH DEVICE	LM9293 EL/EU	A & B TRIMS	NOT APPLICABLE	L940	2020-06-01	NOT APPLICABLE

0 selected / 4 total

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Use the "New" option to walk through the standard drop-down entry process, field by field.

- The user can begin keying in the hardware information pertaining to each specific field. As the user types, the field will begin to filter to include only the options that include the information keyed
- See example below: Keying "ACC" retrieves four different results with "ACC" in the name

Device		Cano
anJacturer		
00 ACCESS DOOD	× •	
ACCESS DOOR		
ACCURATE		
COMMAND ACCESS TECH		
DIVION ACCESS		

#### NAMING

There is a 20-character limit on the "Name" field and a 25-character limit on the "Notes" field. Here are a few best practices for naming conventions:

- If entering from hardware and door schedules, name your group the same as it is listed on the hardware schedule
- If entering from machining sheets, name your group the page number of the machining sheet
- Describing the hardware using abbreviations, see example below:

<sup>Az</sup> Name	AZ Doors AZ Notes
9056xhng	5
9070xhng	2
9080xhng	4
hng only	2
stkxhngxfb	1

Ultimately, use the naming convention that works best for your entry.

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### HARDWARE LOCATED AT TOP OF DOOR

Preps that are located in the top of a door will have a system pick including the term "At Head". It will then give you a location from the lock edge of the door to enter.

Manufacturer			Туре
SECURITRON	×	*	MAGNETIC SWITCH
Code		100	-19-
DPS.M	X	-	

# LOCKS

## GLYNN JOHNSON HOSPITAL LATCHES

Glynn Johnson Hospital Latches that share functions with Schlage can be found under the Schlage mortise locks.

Device							Cancel	
Manufacturer SCHLAGE		×	¥	T) N	IORTIS	E LOCK	×	
Code HL6-9010		×	•	T N	im IOT AP	PLICABLE		+
Specification HOSPITAL LATCH VERTIC/	AL MOUNT	×	*	11 8	emplate 29695/	L892		
Template Cate 2020-12-01			-	9 4	7/8 ST	RIKE	×	+
Options								
Backset 2 3/4 INCH		×	*					
Locations								
Holstein, Neenah, Hagers	town							

## HINGES

### CONTINUOUS HINGES

Continuous Hinge Calculations

• If you are going to override the pre-calculated prefit on a door with a continuous hinge, change Calculate Sizes selection to "No Calculation"

Override Calculated Sizes*	NO 🐨		Calculate Sizes* NO CALC	CULATION
Opening Width (ft - in)*	7 \$Q	4 \$Q	Opening Height (ft - in)*	7 ¢Q
Undercut (in)*	5/8 \$Q		Ht Clearance* 1/8 INCH	<b>v</b>
Door Width (ft - in)*	3 \$ Q	7 9/16 \$Q	Door Height (ft - in)*	6 \$Q
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	VTD		1	

# **VTonline**™ DETAILING BEST PRACTICES



• If you are going to override the prefit size on an equal pair, you will need to enter them as an unequal pair to have the system allow you to override

### NO HINGE MATERIAL

Hardware selections may require a radius/non-standard bevel. If your door does not allow you to select hinge material, you may need to add a 7/8" lumber edge under the faces tab.

#### RADIUSED VS. SQUARE HINGES

- Non-labeled options in the system should be squared corners
- Radiused hinge options will have the radius corner dimensions called out

Device				Cancel
Manufacturer MCKINNEY	×	*	Type HINGE	 × •
Code	1,034			
.134	×	*		
4 1/2 IN 1/4 RAD NO DRILL .134		*		
4 1/2 IN 1/4 RADIUS CORNER .134		li,		
4 1/2 INCH .134				
4 1/2 INCH NO DRILL .134				
5 INCH .134				
MPB79 4 1/2 INCH .134				
MP879 X CC4 X QC 4 1/2 INCH .134		÷		

## ELECTRIC

### ELECTRIC POWER TRANSFER (EPT)

EPT's can be measured from:

- Top of the door to the top of the prep
- Top of the door to the middle of the prep
- Top of door to the centerline of hole

This varies depending on the size of the EPT. If the EPT prep is larger than 1", then the system will offer the top of door to the middle **or** to the top of the prep.

Device			Cancel	Device			Cancel
SECURITRON	× •	Type ELECTRIC POWER TRANSFER	× •	SECURITY DOOR CONTROL	× •	Type ELECTRIC POWER TRANSFER	× •
Code CEPT A-A	× -	Tim NOT APPLICABLE	-	Com PT-S	× •	Tree NOT APPLICABLE	÷
feedfates RACEWAY REQUIRED	-	Tempina 500-20295	-	Specification ENTER C/L OF HOLE IN DOOR	*	Tempine INST-PT-5	-
Locations				Templana Daria 2007-10-17	-	tells NOT APPLICABLE	•
Holstein, Neenah, Hagerstown Guanty Enry 1 PER USER				Locations Notatein, Mageratown			
Dimension 1 *		TOD TO CL DEVICE TOD TO TOP DEVICE		Cuentry Entry 1 PER USER		TOD TO CL HOLE	× •
1000 IND	UST	RIAL PARK	HOLS	TEIN, IA 5102	5   8	800.827.161	5

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## RACEWAYS

After keying in the door, the door line will produce a raceway drawing. The drawing will depict where the raceway should be routed.



• Raceways templates or options may not be listed but check your drawing to be sure that the endpoints are in the correct locations. Select the 1" prep on one leaf and the 7/8" prep on the other leaf

Example: Von Duprin 98/99 EO – template raceway goes to the back of the bar. The hardware entry screen doesn't show the bar template (i.e. W40084-A) – the drawing will depict the correct raceway endpoint.

Marchaner VON DUPRN	X 🕶	Total EXIT DEVICE RIM	54 1/16		X 6 5 <u>10</u>	34 7/8 60 7/8
Cons QEL-08/99(F) ELEC.	× •	EXIT ONLY			I H	73 23/64
Resolution NOT APPLICABLE	*	turquas W10302				95 1
Tempte Date 2013-05-29	*	NOT APPLICABLE		0 H	58 <u>5/8</u>	
				2 7/8	68 5 <u>3/64</u>	
			41 13/16 AFF DEV			
					84 <u>5/8</u>	
				-	_	

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This also applies to raceways that go around a lite. The system automatically accounts for this without an intervention from the user to tell the system to do so.



• Electrolinx can be found in the first raceway drop down

Har	dware Group	is / 07		
07				
	construction of	w & VT Install		
No	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Cut	stomer Supply	Wre & VT Ins	tall	
VT	Supply Wire &	VT Install		

- If searching for a prep that has a raceway to a lock pocket only (no face functions), Schlage has a standard lock body prep that can be used
  - L9000EL/EU/RX Body

of the		1000 C	Save Cancel
SCHLAGE	× •	MORTISE LOCK	×
Code L9000EL/EU/RX BODY	× -	Trim NOT APPLICABLE	,
LOCK BODY COM		Temples L1	
Templane Date 2014-12-01	-	Solia 4 7/6 STRIKE	•
Options			
Options Exclusion 2 3/4 INCH	X ¥		
Options Incher 2 3/4 INCH	X ¥		
Options Extran 2 3/4 INCH Locations Poluteis, Neesah	× •		

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# DOOR BOTTOMS

## STOPPING A DOOR BOTTOM SHORT

There are other special codes that can help you achieve this specification.



102N LE HE 1/2

Example: The 102N has a main code that preps all the way from lock edge to hinge edge. The 102N LE HE  $\frac{1}{2}$  option stops the door bottom short 1/2" on each edge. Just as the 102N LE 2 selection would stop 2" short of the lock edge.

## CONSTRUCTION TIPS & TRICKS

### AWI QCP

This option can only be selected when creating a project.

#### DOOR TYPES

#### Pair Swings

Door lines will automatically adjust to Active/Active swings when exit devices are applied to each leaf.

### Acoustic Construction

For the new acoustic offerings, please see the Acoustic Capabilities Page.

 https://www.vtindustries.com/for-the-pros/architectural-doors/technicalinformation/acoustical-capabilities/

#### STC Door Bottoms

When choosing the door bottom in the door line the machining and BOM will be automatically applied. Do not add the door bottom to the hardware group of the STC door.

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#### FIRE-RATED

#### Auxiliary Fire Pins (AFL)

Auxiliary fire pins must be manually selected and entered on the meeting edges of the pair. These locations cannot interfere with other meeting edge preps.

- See the Fire Door Capability Chart for additional AFL information
- https://www.vtindustries.com/for-the-pros/architectural-doors/technical-information/firedoors-jambs/
- AFLs can be added to your hardware group by selecting Von Duprin Manufacturer
  - Door to frame and door to floor can be entered for rekey using the Generic picks
  - Select the 1" prep on one leaf and the 7/8" prep on the other leaf
  - 1" pins are the strike, 7/8" are the latch



Example: All of the 1" pins in the example above are the same, just attached to different templates as well as all 7/8" templates.

#### 90-Minute Door Lites

- VTIFM bead requires glass by VT; This is a life safety issue
- AMS #118 Metal Vision Panels (MVP) can have glass by others

Top only flushbolts are no longer allowed on 20 to 90-minute rated doors.

## KEYING A LINE

### FACES & EDGES

Doors with white birch faces have a standard of white maple for the veneered edges.

• The user then needs to create an alternate edge in White Maple to then be able to select in line-item entry (instead of keeping the system default).

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Product Heritage Collection	×	•
Type ALTERNATE EDGES	×	•
Material VENEER	×	
Specie WHITE MAPLE	×	
Similar Color & Grain NO	×	
Grain VERTICAL	,	
Sites Any		

• Palladium door standard edges are fixed

Add

• Removeable edges, create an alternate edge material

Product Heritage Collection	×	*
Type ALTERNATE EDGES	×	•
Material REMOVABLE VINYL	×	
Color 0101 Designer White PVC	×	*
Sres Neenah		

### FINISH

- To enter an approved sample number select "Finished" then "Custom"
- Two fields for your finish will come up, enter the same finish number in each

FACTORY FINISH				
Factory Finish*	OPAQUE V	Finish Color*	CUSTOM COLOR	
Color #*	TR12345-19Q	Sample #*	TR12345-19Q	
Distressing*		Seal Cutouts*	<b>NO V</b>	1
TR Finish*	SEALED	BR Finish*	SEALED	

• To enter a Gardall Plus finish, select "Yes" for Double Top Coat

FACTORY FINISH		
Factory Finish*	FINISHED	v
Double Top Coat*	YES 👻	

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• PS Hickory requires a clear or custom finish only. No standard finishes are permitted.

	ed Sizes*	NO			Calculate Sizes	C Error	×
Opening Width (It	- in)*	3 ¢ Q		7 13/16 ¢Q	Opening Height	Elloi	
Undercut (in)*		5/8 ¢ Q			Ht Clearance*	Finish color must be custom col	lor.
Door Width (ft - in)	*	3 ¢Q		7 9/16 ¢ Q	Door Height (ft -		4
BLOCKING Blocking*							
BEVEL Hinge Bevel*	1/8 BEVEL	T.		Lock Bevel*	1/8 BEVEL	OK .	SUMME
FACES & EDGES							
HF Material*	PS (FC) HICK	ORY BK BAL A GR VEI	RT 👻			SF Material*	PS (FC) HICKO
HE Material*						LE Material*	
	laterial*	IONE				Special Botton	n Rail Material* NO

### FSC

FSC terminology differs from the previous Eggers online system to the new VTonline system.

VTonline	Eggers Online
FSC	FSC COC
Controlled FSC	FSC CW

## ACCRONYMS

ATP	Available to Promise
BOM	Bill of Materials
FOA	Final Order Acknowledgement
IFS	Industrial & Financial System
ETO	Engineer to Order
HF	Hinge Face (Can see hinge barrels)
SF	Stop Face (Can see stop of frame)
HE	Hinge Edge
LE	Lock Edge
TR Finish	Top Rail Finish
BR Finish	Bottom Rail Finish
HF Stop	Lumber Bead / Stop Material on hinge face
SF Stop	Lumber Bead / Stop Material on stop face

# GLOBAL CHANGES

### **Factory Finish**

When entering a custom sample number be sure to include the following:

- Factory Finish field: FINISHED
- Finish Color: CUSTOM COLOR
- Color Number AND Sample Number both need to contain the Neenah sample number
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Change	
Factory Finish	
HE Factory Finish	
LE Factory Finish	
Factory Finish	
FINISHED	
Finish Color	
CUSTOM COLOR	
Double Top Coat	
Sheen	
Color #	
Enter Sample #	
Sample #	
Enter Sample #	

## Door Width

When entering a door width, you must enter a new opening width and a new door width.

• The standard prefit of 1/8" on Hinge Edge (HE) and Lock Edge(LE) applies

Change	
Sizing	
Opening	Width (Inches in Fraction)
36	
Door Wid	Ith (Inches in Fraction)
35-3/4	

# MISCELLANEOUS

#### MULTIPLE SESSIONS

- Do not have multiple sessions of VTonline opened at once
- To expand the Configuration screen, roll the mouse over the center of the Configuration bar until the mouse becomes a finger and click to expand

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### EXPANDING THE CONFIGURATION SCREEN

To expand the Configuration screen, roll the mouse over the center of the Configuration bar until the mouse becomes a finger and click to expand.

1	Opening *		Sort Id (Optional)	Leaf 1	Swing	
Quantity	Opening		Sort Id	Leaf	Swing	Pieces
4	1					
				1	UH	1
1	2					
				1	UH	1
1	3					
				1	LH	1
1	4					
				1	UH	1
1	6					
				1	LH	1
5 openings	5 pieces	Show 10	× •			
		-				
Configure	tine /					
Comgun	S	m 🔪				

### CLEARING CACHE

- A system specialist may ask you to clear your cache
- From inside your order screen hit F12
  - A window will appear to the right of your screen



• Right click on the refresh icon next to your address bar



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#### • Click on "Empty Cache and Hard Reload"

$\leftarrow \rightarrow$	C 🟠 🗎 vtolga.v	tindustries.com/orde	x/1147000/head	der										
60 QA	- V Normal Reload	Ctrl+R	e 🚮 Wood D	loors, Lamin	Technic	cal Informati	Home - S	imartsheet	2022 Compati	ble S 🤹 VT	Industries, Inc O	My Apps Dashboar	Dayforce	
M	Hard Reload Empty Cache and Hard	Ctrl+Shift+R Reload	slutions / 202	202140007 N	lelanie - Fre	eidman/1FS	/ 298200 Me	070622					Melani Eidsor	CR D Dements Cr
nn H ∎ P	fome	1147000 Order	Project	Header	Distail	Audit	Hardware	Elevations	Faces	Set Matching	The "Cheat" Button	y Create Case		<pre>chtml lange"en"&gt;</pre>
	Quotes & Orders	Product Line Heritage Collection			× •	Flush			×	*	I	Reproduce N	w	<pre><script golufi<br="" src="runtim&lt;br&gt;cscript src="></script></pre>

- The screen will reset
- Hit F12 again to make the screen to the right disappear

VT Online	2509108 Coastal Door Solutions / 202202140007 Melanie - Freidman(IFS / 298200 Mel 070622	Melanie Eidsor
# Home	TRADE Order	
Projects	Project Needer Detail Audit Hardware Elevations Faces Set Matching ETO Summary The	Create Case :
Quotes & Orders	Uname river, 11.13 and	
Customers	165 X = 2500100 Coastal Door Soldons X = Mediane - Friedman/FS X =	
Laminate Availability	NET 30         Function 0 from '           Custome Online Type"         Punction Online '           NORBAL         X         2 965000 Med 604022         Crients Authorization Number'	
Archived Orders		
	Purchase Order Notes	
	PhaseRier Desc Desc Desc Desc Desc Desc Desc Desc	
	Inner-Inserça (new *         X         V         Cares         Mode         Costs (Previous Online TD)         V         Legacy Onder ID	

## ERROR MESSAGES

#### Generic Error Messages

When the system detects an error that doesn't have a specific predesigned error message, error messages like these may appear

0	Error	×
CON Ope	NTINUOUS HINGE not valid for ning\Fire Rating\Core\Acoustic struction selected.	

OK

In the example above, there is some issue between the continuous hinge hardware and the construction that causes the system to error.

- The combination of STC with continuous hinge is not permitted
- Fix: The hinge or STC rating has to change

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### Entry Point Registration Error

When the system encounters an error when an entry point did not properly register in the system, the following error will appear.



Research the last entry points to be sure it was set properly, and try to apply the change.

- Because this error is also used when the system is being "buggy", you will have to research to understand if something is truly wrong
- If after updating a piece of information that caused an error, is still causing the same error, try changing another field to "reset" the screen (i.e. change the Environmental selection to and from NAUF to apply a swing change)

#### Hardware Master Error

The "Hardware Master has changed" is an error that requires the user to go back into the hardware group and re-save all their devices and then save the hardware group. After re-saving, re-enter the line and it should work on the door.



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