

Door Types

This Supplemental Section depicts the hardware sets for typical CU doors. The majority of products shown may not be substituted. For any project that deviates from the following door types, schematic stage approval is required by the Project Manager and Operations.

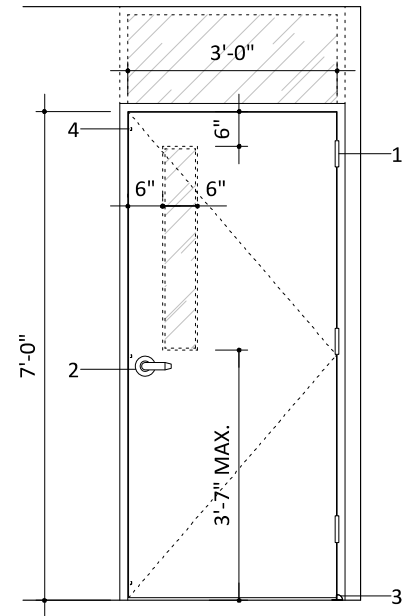
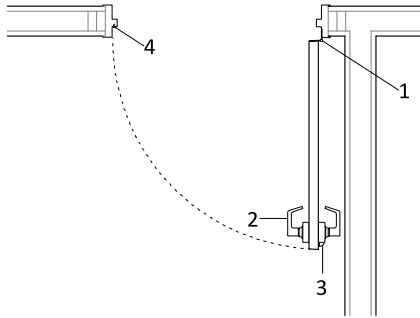
Door parameters are provided to assist with the development of these door types. Door parameters are not intended to substitute for or supersede the door section of the Design Requirements.



Office Doors (Non-Fire-Rated)

Door parameters

- Wood or Hollow Metal Doors
- 36" wide x 1 3/4" thick
- 7'-0" high + transom as applicable
- Hollow metal frame
- Undercut: 3/4" max.



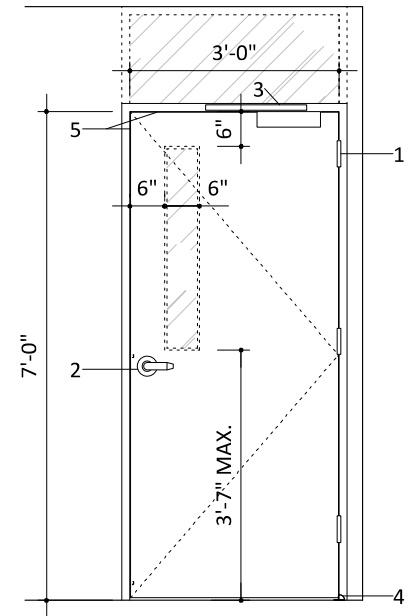
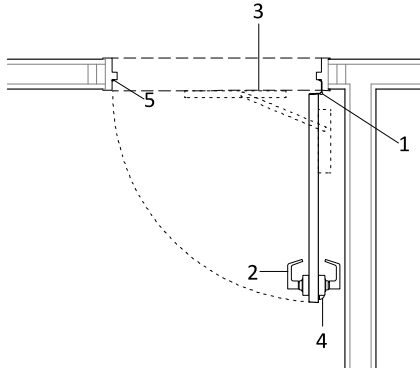
Hardware set

1	Hinges (1 ½ pair)	Ives 5BB1	medium duty 4 ½" x 4 ½"
2	Lockset	See Section 08 71 00B GUIDE TO HARDWARE LOCKSETS AND LATCHSETS	
3	Doorstop	Ives WS Series Ives FS Series Ives GJ 450 Series (wood doors) Ives GJ 410 Series (metal doors)	Wall stop Floor dome stop (Alternate) Overhead stop (Alternate where door is in middle of room)
4	Silencers	Ives SR64	

Office Doors (Fire-Rated)

Door parameters

- Wood or Hollow Metal Doors
- 36" wide x 1 3/4" thick
- 7'-0" high + transom as applicable
- Hollow metal frame
- Undercut: 3/4" max.



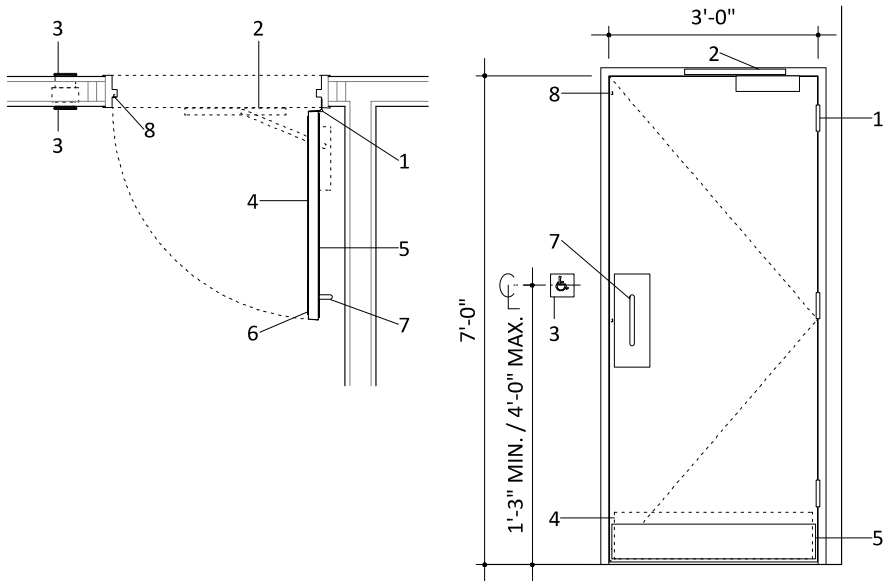
Hardware set

1	Hinges (1 ½ pair)	Ives 5BB1	medium duty 4 ½" x 4 ½"
2	Lockset	See Section 08 71 00B GUIDE TO HARDWARE LOCKSETS AND LATCHSETS	
3	Closer	LCN 4040 XP	Mount on office side
4	Doorstop	Ives WS Series Ives FS Series Ives GJ 450 Series (wood doors) Ives GJ 410 Series (metal doors)	Wall stop Floor dome stop (Alternate) Overhead stop (Alternate where door is in middle of room)
5	Smoke Seal	Zero 188S-BK	Stick-on seal

Restroom Doors (Non-Fire-Rated)

Door parameters

- Wood or Hollow Metal Doors
- 36" wide x 1 3/4" thick
- 7'-0" high
- Hollow metal frame
- Hospital Stops
- Undercut: 3/4" max.



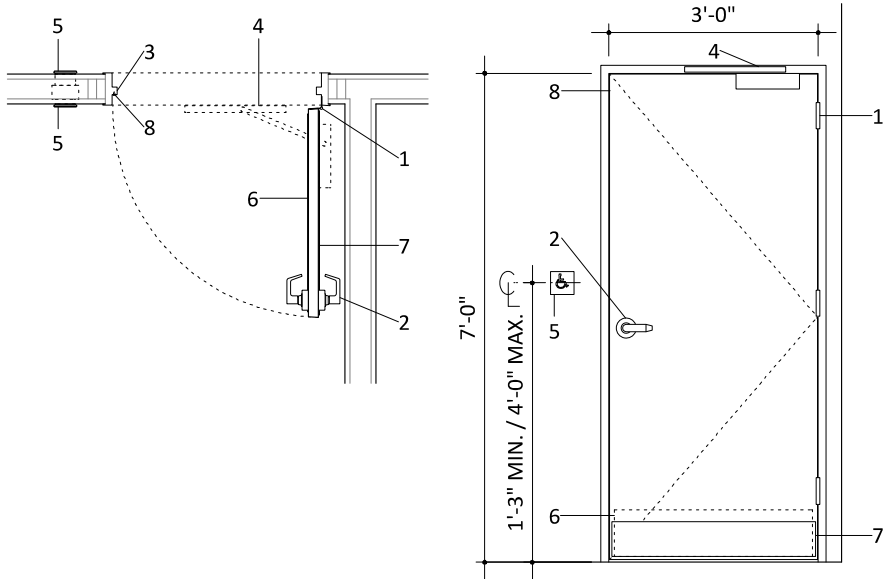
Hardware set

1	Hinges (1 ½ pair)	Ives 5BB1	medium duty 4 ½" x 4 ½"
2	Power actuated opener	LCN 9530/9540	mount on restroom side Rocker switch for On/Off/Hold Open (optional)
3	Actuator (2 qty)	MS Sedco 59H	4" x 4", blue face 1 ½" x 4" when full size is not feasible
4	Kick plate	Ives 8400	8" x 34" Stainless steel Countersunk holes
5	Mop plate	Ives 8400	6" x 35" Stainless steel Countersunk holes
6	Push plate	Ives 8200	6" x 16" anti-microbial coating countersunk holes
7	Pull	Ives 8302	6" x 16" plate ¾" round pull with 10" centers Stainless steel
8	Silencers	Ives SR64	

Restroom Doors (Fire-Rated)

Door parameters

- Wood or Hollow Metal Doors
- 36" wide x 1 3/4" thick
- 7'-0" high
- Hollow metal frame
- Hospital Stops
- Undercut: 3/4" max.



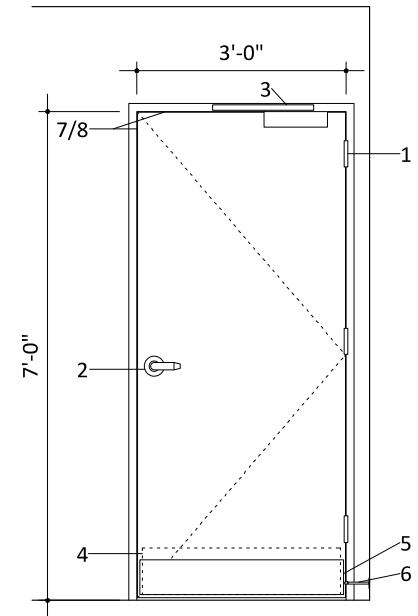
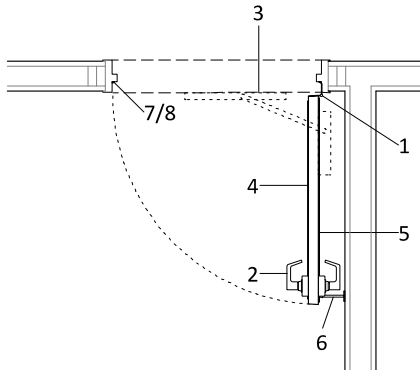
Hardware set

1	Hinges (1 1/2 pair)	Ives 5BB1	medium duty 4 1/2" x 4 1/2"
2	Lockset	See Section 08 71 00B GUIDE TO HARDWARE LOCKSETS AND LATCHSETS	
3	Electric strike	Von Duprin 6400	
4	Power actuated opener	LCN 9530/9540	mount on restroom side Rocker switch for On/Off/Hold Open (optional)
5	Actuator (2 qty)	MS Sedco 59H	4" x 4", blue face 1 1/2" x 4" when full size is not feasible
6	Kick plate	Ives 8400	8" x 34" Stainless steel Countersunk holes
7	Mop plate	Ives 8400	6" x 35" Stainless steel Countersunk holes
8	Smoke seals	Zero 188S-BK	

Restroom Doors (Unisex)

Door parameters

- Wood or Hollow Metal Doors
- 36" wide x 1 3/4" thick
- 7'-0" high
- Hollow metal frame
- Hospital Stops
- Undercut: 3/4" max.



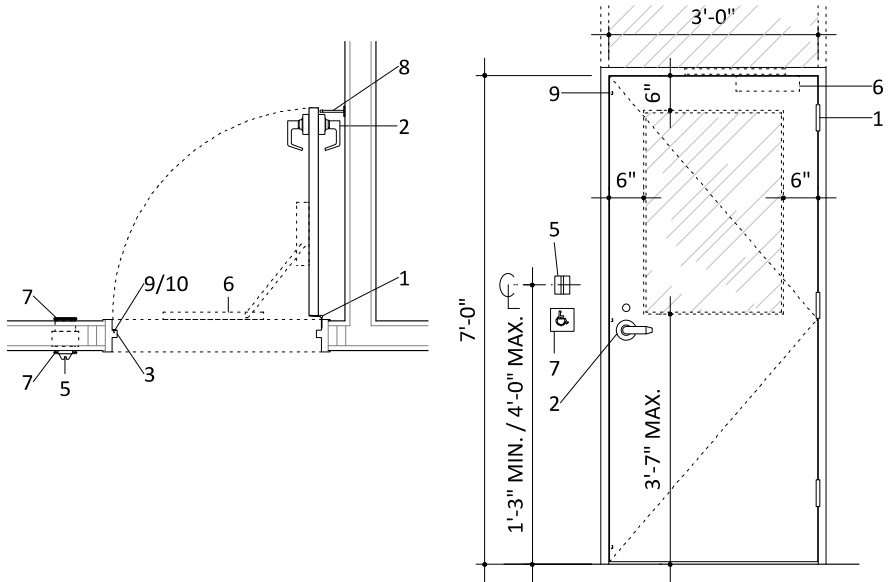
Hardware set

1	Hinges (1 1/2 pair)	Ives 5BB1	medium duty 4 1/2" x 4 1/2"
2	Lockset	See Section 08 71 00B GUIDE TO HARDWARE LOCKSETS AND LATCHSETS	
3	Closer	LCN 4040 XP	Mount on restroom side
4	Kick plate	Ives 8400	8" x 34" Stainless steel Countersunk holes
5	Mop plate	Ives 8400	6" x 35" Stainless steel Countersunk holes
6	Doorstop	Ives WS Series Ives FS Series Ives GJ 450 Series (wood doors) Ives GJ 410 Series (metal doors)	Wall stop Floor dome stop (Alternate) Overhead stop (Alternate where door is in middle of room)
7	Silencers	Ives SR64	Only at non-fire-rated doors
8	Smoke seals	Zero 188S-BK	Only at fire-rated doors

Suite Entry / Lobby Doors (Access-Controlled)

Door parameters

- Wood or Hollow Metal Doors
- 36" wide x 1 3/4" thick
- 7'-0" high + transom as applicable
- Hollow metal frame
- Undercut: 3/4" max.



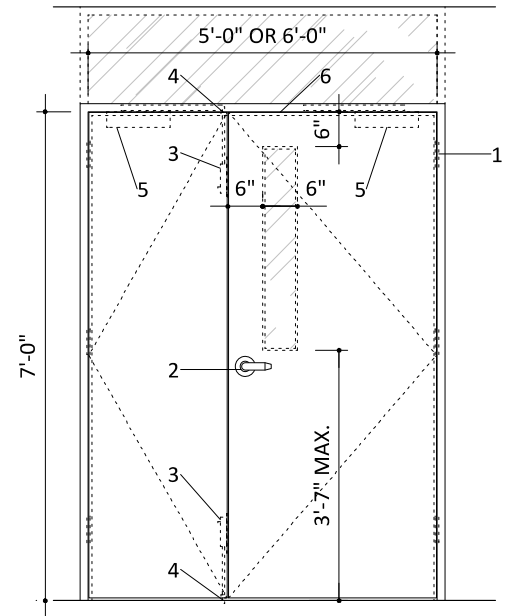
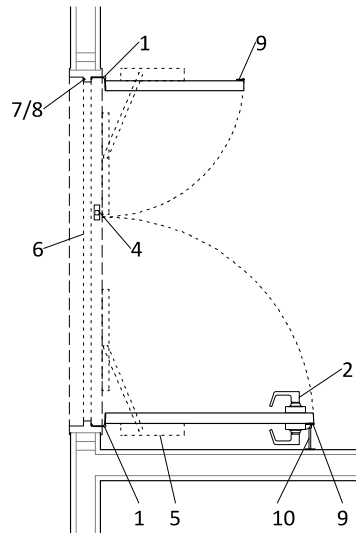
Hardware set

1	Hinges (1 ½ pair)	Ives 5BB1	medium duty 4 ½" x 4 ½"
2	Lockset	See Section 08 71 00B GUIDE TO HARDWARE LOCKSETS AND LATCHSETS	
3	Electric Strike	Von Duprin 6400	
5	Access card reader	By CU Public Safety	
6	Power actuated opener	LCN 9530/9540	Mount on suite side Rocker switch for On/Off/Hold Open Emergency Power connection
7	Actuator (2 qty)	MS Sedco 59H	4" x 4", blue face 1 ½" x 4" when full size is not feasible
8	Doorstop	Ives WS Ives FS	Wall stop Floor dome stop
9	Silencers	Ives SR64	Only at non-fire-rated doors
10	Smoke seal	Zero 188S-BK	Only at fire-rated doors

Lab Doors

Door parameters

- Wood or Hollow Metal Doors
- 60" or 72" wide x 1 3/4" thick
- 7'-0" high + transom as applicable
- Hollow metal frame
- Undercut: 3/4" max.



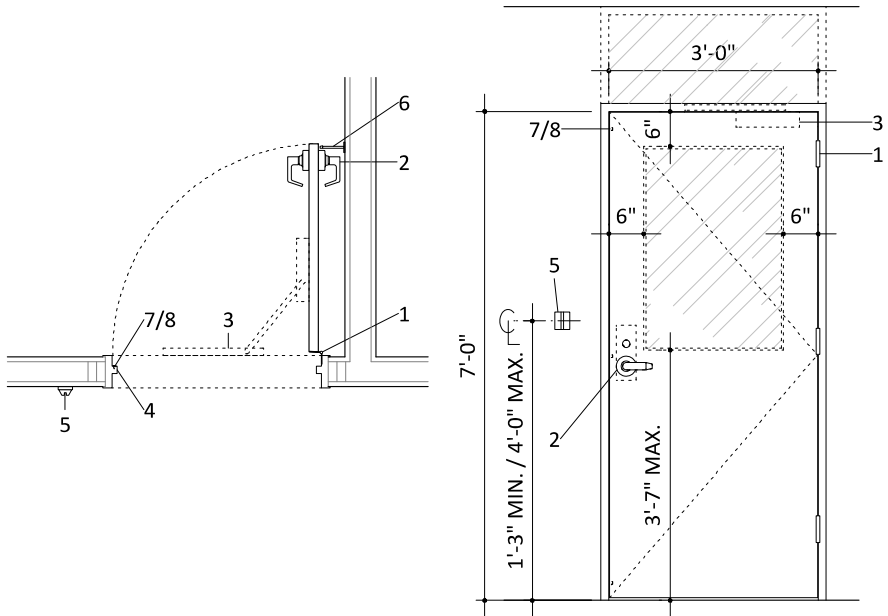
Hardware set

1	Hinges (3 pair)	Ives 5BB1	medium duty 4 1/2" x 4 1/2"
2	Lockset	See Section 08 71 00B GUIDE TO HARDWARE LOCKSETS AND LATCHSETS	
3	Automatic flush bolts	Ives FB51P	
4	Dustproof strike	Ives DP2	
5	Closer (2 qty)	LCN 4040XP	Mount on classroom side
6	Coordinator	Ives COR Series	
7	Silencers (2 qty)	Ives SR64	Only at non-fire-rated doors
8	Smoke seals	Zero 188S-BK	Only at fire-rated doors
9	Astragal seals	Zero 328A x 328A	Only at fire-rated doors
10	Doorstop	Ives WS Ives FS	Wall stop Floor dome stop

Classroom Doors

Door parameters

- Wood or Hollow Metal Doors
- 36" wide x 1 3/4" thick
- 7'-0" high + transom as applicable
- Hollow metal frame
- Undercut: 3/4" max.



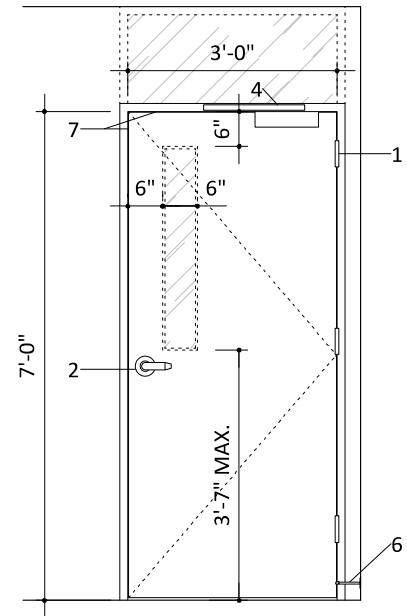
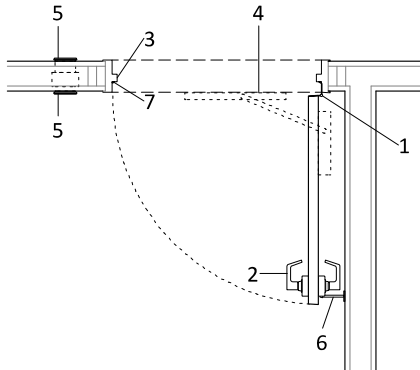
Hardware set

1	Hinges (1 1/2 pair)	Ives 5BB1	medium duty 4 1/2" x 4 1/2"
2	Lockset	See Section 08 71 00B GUIDE TO HARDWARE LOCKSETS AND LATCHSETS	Access control system management by Occupant
3	Closer	LCN 4040 XP	Mount on office side
4	Electric Strike	Von Duprin 6400	
5	Access card reader	By CU Public Safety	As applicable
6	Doorstop	Ives WS Ives FS	Wall stop Floor dome stop (alternate)
7	Silencers	Ives SR64	Only at non-fire-rated doors
8	Smoke seal	Zero 188-S-BK	Only at fire-rated doors

Fire Stair Doors (Business Occupancy)

Door parameters

- Wood or Hollow Metal Doors
- 36" wide x 1 3/4" thick
- 7'-0" high + transom as applicable
- Hollow metal frame
- Undercut: 3/4" max.



Hardware set¹

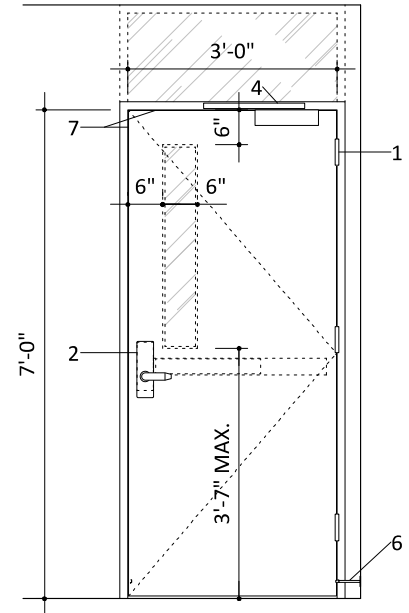
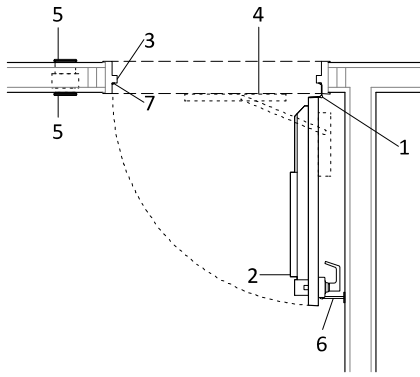
1	Hinges (1 1/2 pair)	Ives 5BB1	medium duty 4 1/2" x 4 1/2"
2	Lockset	See Section 08 71 00B GUIDE TO HARDWARE LOCKSETS AND LATCHSETS	
4	Power actuated opener	LCN 9530/9540	Mount on suite side Rocker switch for On/Off/Hold Open Emergency Power connection
5	Actuator (2 qty)	MS Sedco 59H	4" x 4", blue face 1 1/2" x 4" when full size is not feasible
6	Doorstop	Ives WS Series Ives FS Series Ives GJ 450 Series (wood doors) Ives GJ 410 Series (metal doors)	Wall stop Floor dome stop (Alternate) Overhead stop (Alternate where door is in middle of room)
7	Smoke Seal	Zero 188S-BK	Stick-on seal

¹ Coordinate roof access doors with Facilities (CUFO).

Fire Stair Doors (Assembly Occupancy)

Door parameters

- Wood or Hollow Metal Doors
- 36" wide x 1 3/4" thick
- 7'-0" high + transom as applicable
- Hollow metal frame
- Undercut: 3/4" max.



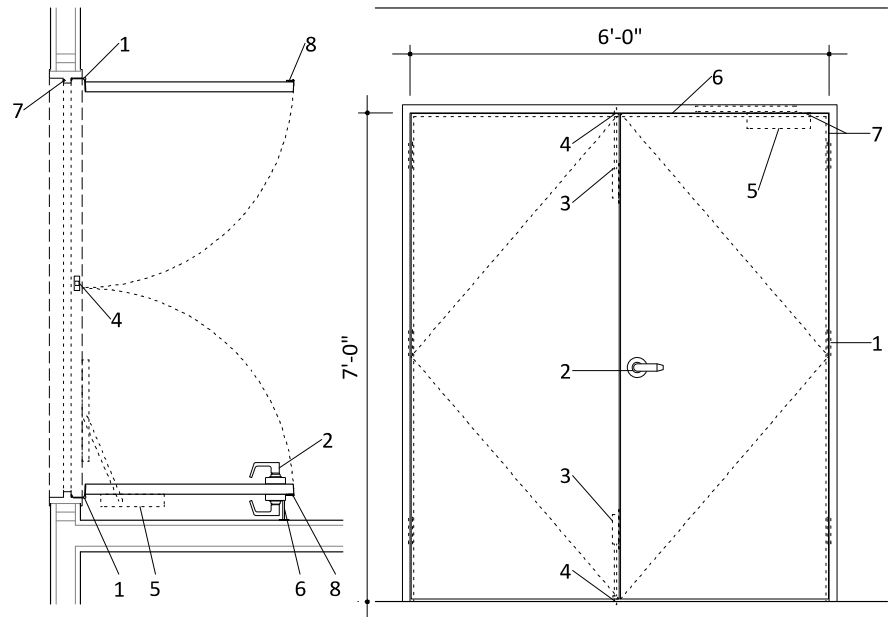
Hardware set

1	Hinges (1 ½ pair)	Ives 5BB1	medium duty 4 ½" x 4 ½"
2	Exit Device	Precision FL2114 x 4914A	Function: passage Finish: satin chrome Strike: ANSI standard
3	Electric Strike	Von Duprin 6400	
4	Power actuated opener	LCN 9530/9540	Mount on suite side Rocker switch for On/Off/Hold Open Emergency Power connection
5	Actuator (2 qty)	MS Sedco 59H	4" x 4", blue face 1 ½" x 4" when full size is not feasible
6	Doorstop	Ives WS Series Ives FS Series Ives GJ 450 Series (wood doors) Ives GJ 410 Series (metal doors)	Wall stop Floor dome stop (Alternate) Overhead stop (Alternate where door is in middle of room)
7	Smoke Seal	Zero 188S-BK	Stick-on seal

Utility Room Doors, Pair (Under 1200 Amp service)

Door parameters

- Wood or Hollow Metal Doors
- 72" wide x 1 3/4" thick
- 7'-0" high
- Hollow metal frame
- Undercut: 3/4" max.



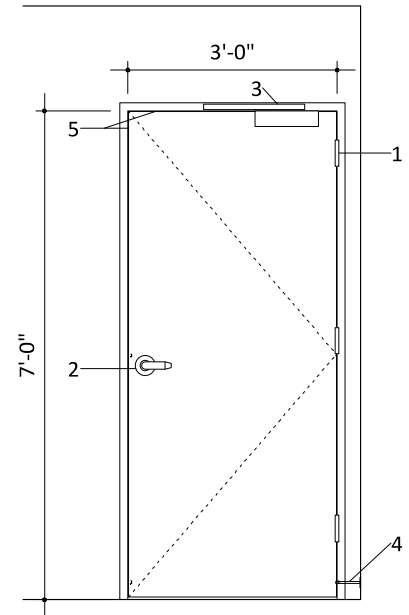
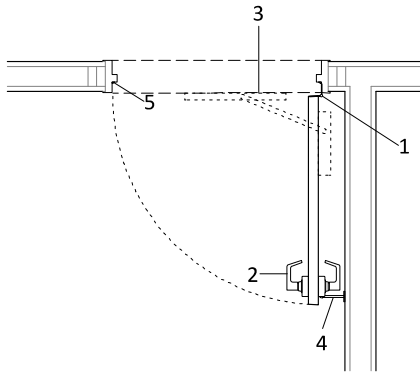
Hardware set

1	Hinges (3 pair)	Ives 5BB1	medium duty 4 1/2" x 4 1/2"
2	Lockset	See Section 08 71 00B GUIDE TO HARDWARE LOCKSETS AND LATCHSETS	
3	Flush bolts	Ives 458	
4	Dustproof strike	Ives DP2	
5	Closer	LCN 4040XP	Mount on utility room side
6	Doorstop	Ives WS Series Ives FS Series Ives GJ 450 Series (wood doors) Ives GJ 410 Series (metal doors)	Wall stop Floor dome stop (Alternate) Overhead stop (Alternate where door is in middle of room)
7	Smoke seals	Zero 188S-BK	
8	Astragal seals	Zero 328A x 328A	

Utility Room Doors, Single (Under 1200 Amp service)

Door parameters

- Wood or Hollow Metal Doors
- 36" wide x 1 3/4" thick
- 7'-0" high
- Hollow metal frame
- Undercut: 3/4" max.



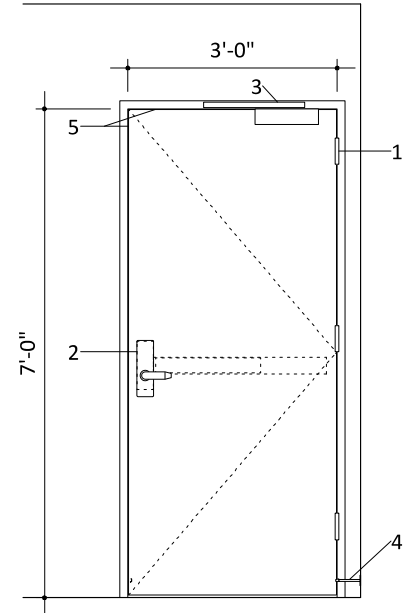
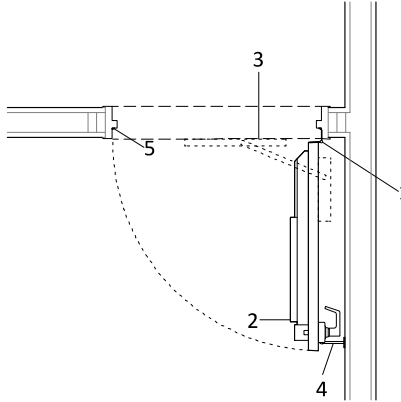
Hardware set

1	Hinges (1 ½ pair)	Ives 5BB1	medium duty 4 ½" x 4 ½"
2	Mortise lockset	See Section 08 71 00B GUIDE TO HARDWARE LOCKSETS AND LATCHSETS	
3	Closer	LCN 4040XP	Mount on utility room side
4	Doorstop	Ives WS Series Ives FS Series Ives GJ 450 Series (wood doors) Ives GJ 410 Series (metal doors)	Wall stop Floor dome stop (Alternate) Overhead stop (Alternate where door is in middle of room)
5	Smoke seals	Zero 188S-BK	

Electrical Room Doors (over 1200 Amp service)

Door parameters

- Wood or Hollow Metal Doors
- 36" wide x 1 3/4" thick
- 7'-0" high
- Hollow metal frame
- Undercut: 3/4" max.



Hardware set

1	Hinges (1 ½ pair)	Ives 5BB1	medium duty 4 ½" x 4 ½"
2	Exit Device	Precision FL2103 x 4903A	Function: Storeroom Finish: satin chrome Strike: ANSI standard
2a	Cylinder	See Section 08 71 00B GUIDE TO HARDWARE LOCKSETS AND LATCHSETS	
3	Closer	LCN 4040XP	
4	Doorstop	Ives WS Series Ives FS Series Ives GJ 450 Series (wood doors) Ives GJ 410 Series (metal doors)	Wall stop Floor dome stop (Alternate) Overhead stop (Alternate where door is in middle of room)
5	Smoke seals	Zero 188S-BK	