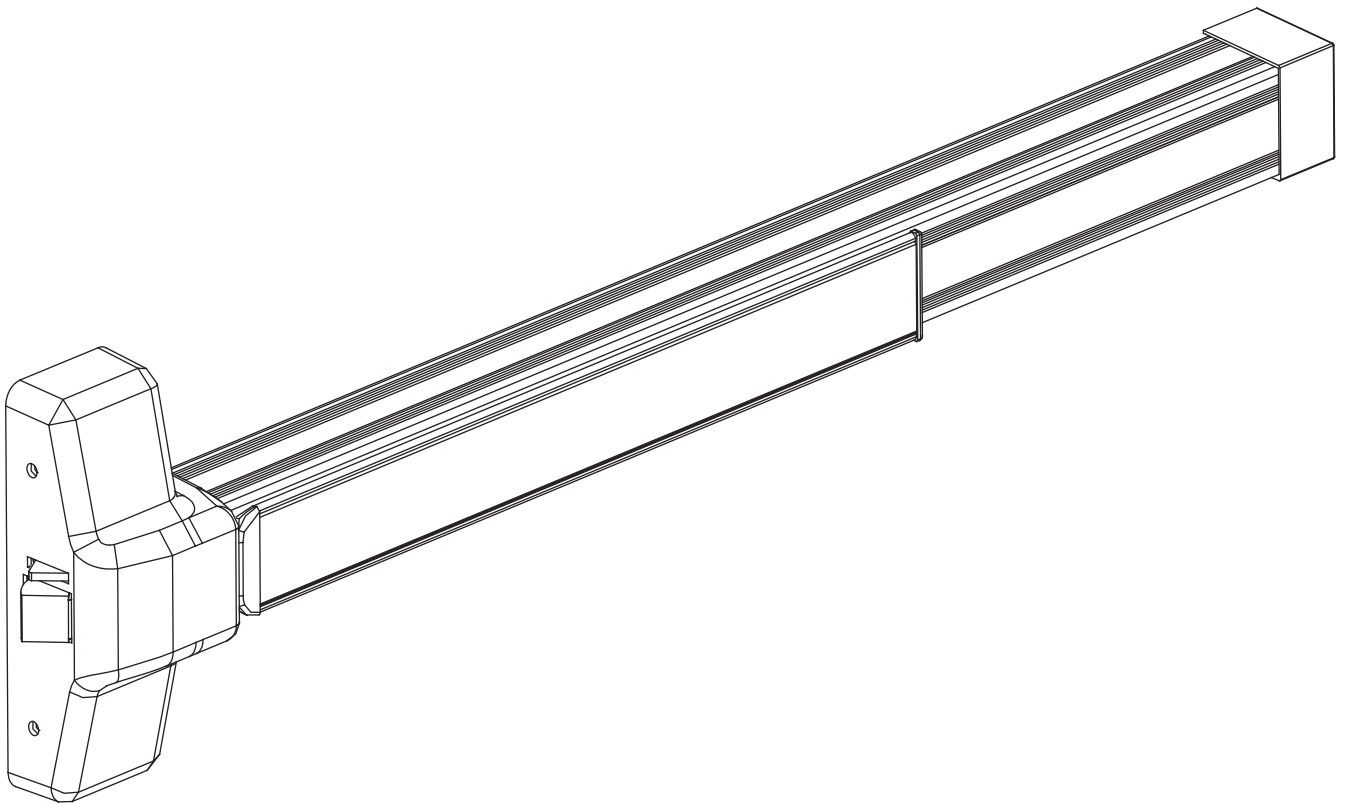


F1000R Series

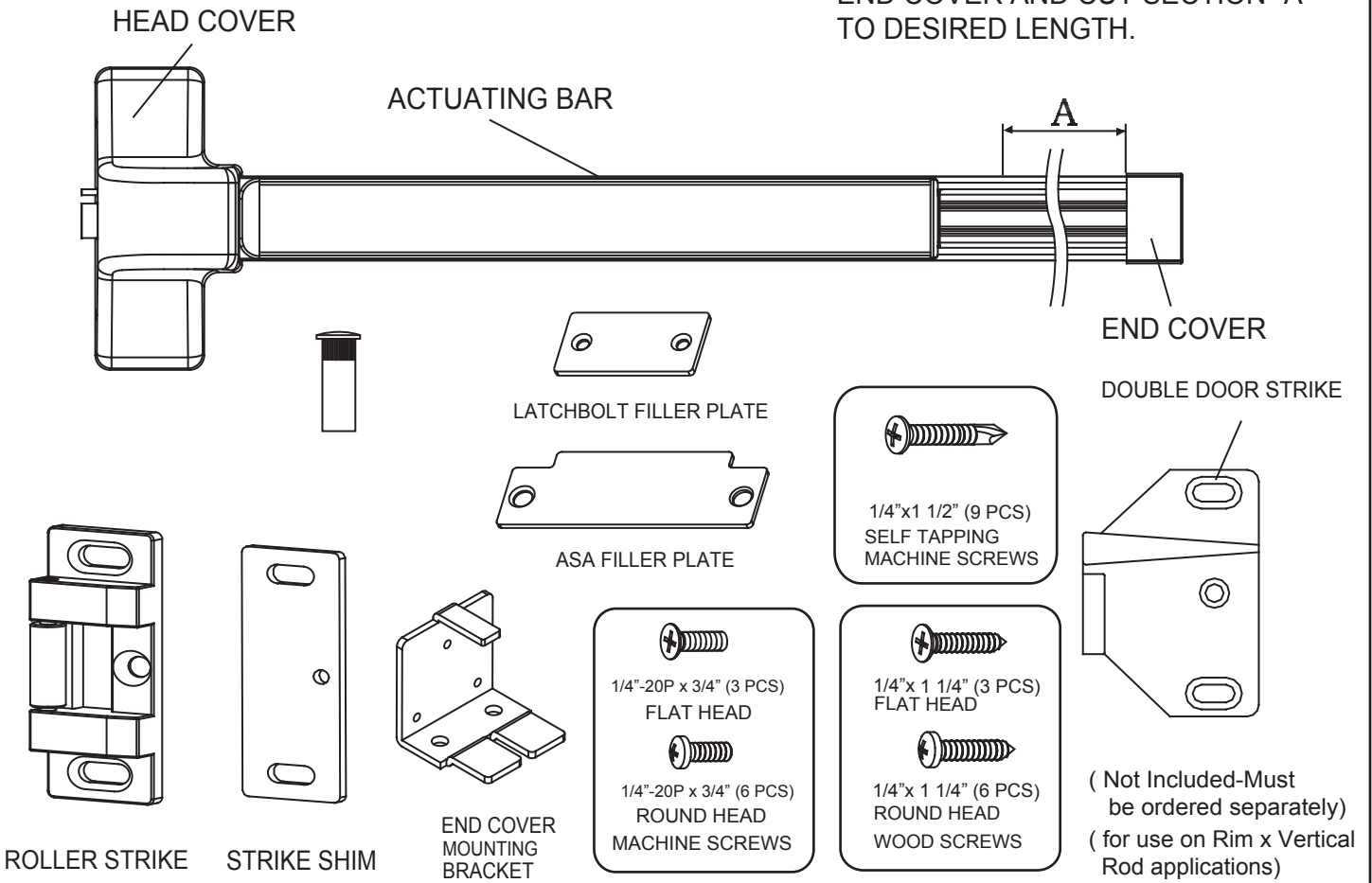
EXIT DEVICE



INSTALLATION INSTRUCTIONS

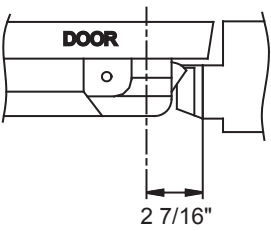
A IDENTIFICATION OF PARTS

IF DOOR IS LESS THAN 36", REMOVE END COVER AND CUT SECTION "A" TO DESIRED LENGTH.

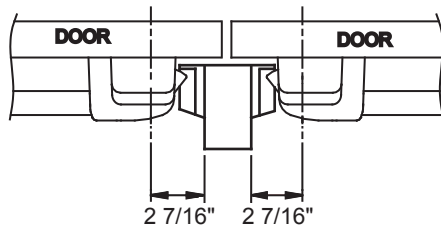


B TYPE OF INSTALLATION

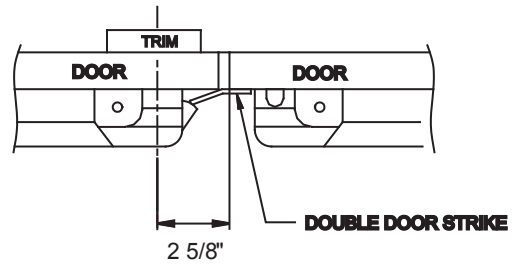
A. SINGLE DOOR



B. DOUBLE DOOR WITH MULLION



C. DOUBLE DOOR WITHOUT MULLION



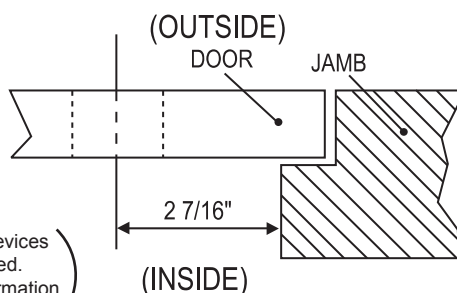
(When installing Rim Exit device and Vertical Rod Exit devices on a pair of doors, a Double Door Strike (DDS) is required. (Available by special order). For complete template information, please refer to the DDS template.)

C DRILL HOLES

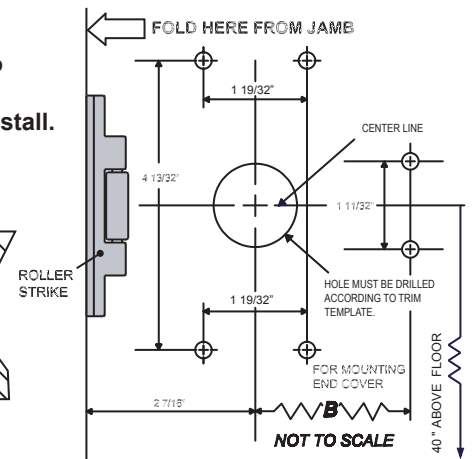
1. USE ENCLOSED TEMPLATE TO MARK INSIDE DOOR FACE AND DRILL HOLES IN ACCORDANCE WITH THE DIAMETERS SUGGESTED.
2. "B" LENGTH SHOULD BE MEASURED FROM THE CENTER OF THE CYLINDER HOLE TO THE END OF THE EXIT DEVICE BODY.

(When installing Rim Exit device and Vertical Rod Exit devices on a pair of doors, a Double Door Strike (DDS) is required. (Available by special order). For complete template information, please refer to the DDS template.)

Note:
If outside trim is being used, make sure to drill holes for outside trim first and install trim, then drill holes for Exit device and install.



INSIDE FACE OF THE DOOR

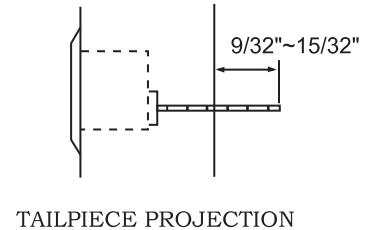
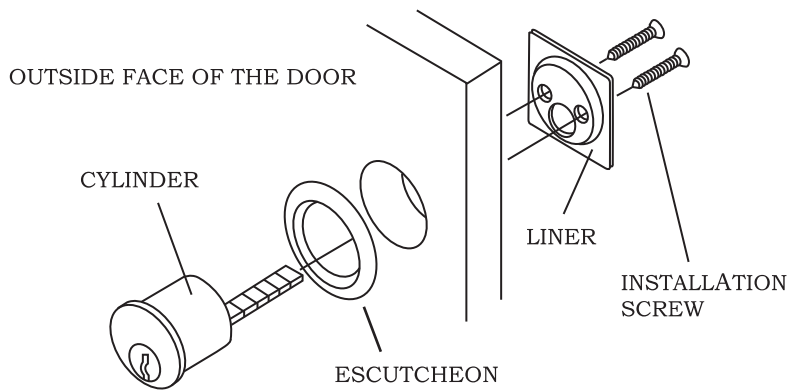


INSIDE FACE OF THE DOOR

D INSTALL CYLINDER

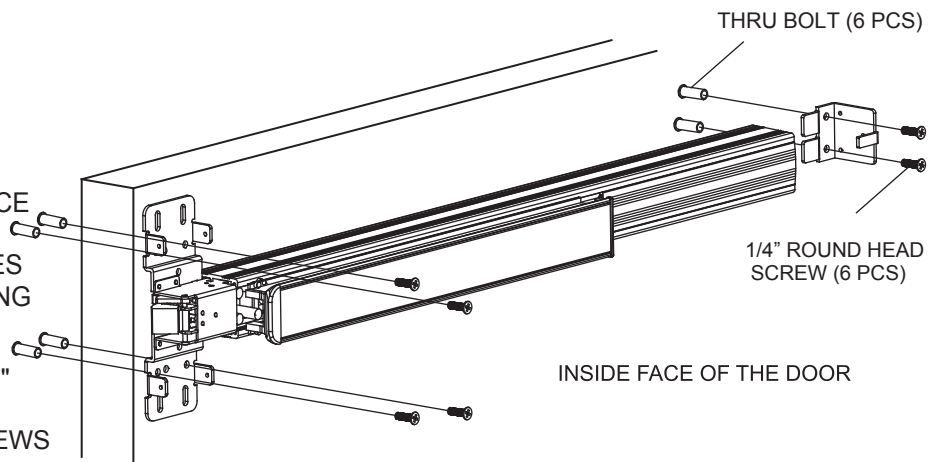
If required or skip to step E

1. INSERT THE CYLINDER INTO THE HOLE ON THE DOOR
2. KEEP THE TAILPIECE HORIZONTAL
3. TIGHTEN THE SCREWS

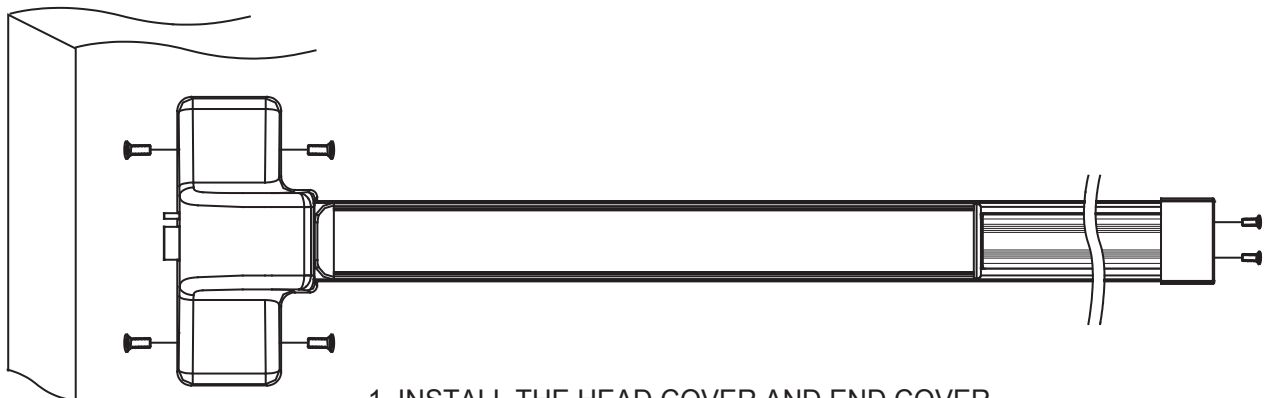


E INSTALL BODY

1. REMOVE THE HEAD COVER FROM THE DEVICE BODY AND END COVER FROM MOUNTING BRACKET BY REMOVING THE SCREWS THAT HOLD THEM ON.
2. ALIGN TAILPIECE RECEIVER OF EXIT DEVICE AND TRIM/CYLINDER TAILPIECE SO IT SLIDES ONTO TRIM/CYLINDER TAILPIECE, ALSO ALIGN SCREW HOLES ON EXIT DEVICE HEAD WITH MOUNTING HOLES ON THE DOOR.
3. INSERT THRU BOLTS (6 PCS) INTO 3/8" HOLES ON OUTSIDE OF DOOR. THEN TIGHTEN THE 1/4" ROUND HEAD SCREWS (6 PCS) FROM THE INSIDE THROUGH THE HEAD AND END COVER MOUNTING PLATE.

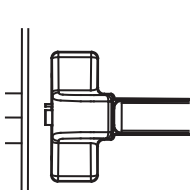


F PUT ON BOTH HEAD AND END COVER

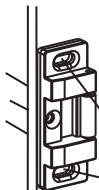


G INSTALL ROLLER STRIKE

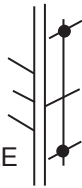
1. WITH THE DOOR IN THE CLOSED POSITION MARK THE CENTERLINE OF LATCHBOLT ON DOOR JAMB.
2. PLACE ROLLER STRIKE ON DOOR JAMB. ALIGN CENTER OF ROLLER STRIKE WITH THE LATCHBOLT CENTERLINE MARK ON THE JAMB. THEN ALIGN THE OUTSIDE EDGE OF THE ROLLER STRIKE WITH THE OUTSIDE EDGE OF THE DOOR JAMB.
3. MARK THE CENTER OF THE 2 ADJUSTABLE SLOTTED HOLES AND DRILL 7/32" PILOT HOLES. TAP PILOT HOLES WITH 1/4"-20 THREADS AND INSTALL MACHINE SCREWS, OR, DRILL 3/16" PILOT HOLES FOR INSTALLING SELF TAPPING MACHINE SCREWS OR WOOD SCREWS IN PILOT HOLES. CLOSE DOOR TO CHECK IF LATCHBOLT EXTENDS PROPERLY, ADJUST ROLLER STRIKE IF NECESSARY.
4. WITH ROLLER STRIKE IN FINAL POSITION, DRILL A 7/32" PILOT HOLE FOR THE CENTER MOUNTING HOLE. TAP PILOT HOLE WITH 1/4"-20 THREADS AND INSTALL MACHINE SCREW, OR DRILL 3/16" PILOT HOLES FOR INSTALLING SELF TAPPING MACHINE SCREW OR WOOD SCREW IN PILOT HOLE.



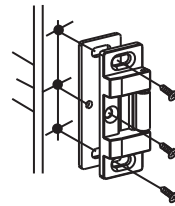
1. JAMB



2. ADJUSTABLE SLOT



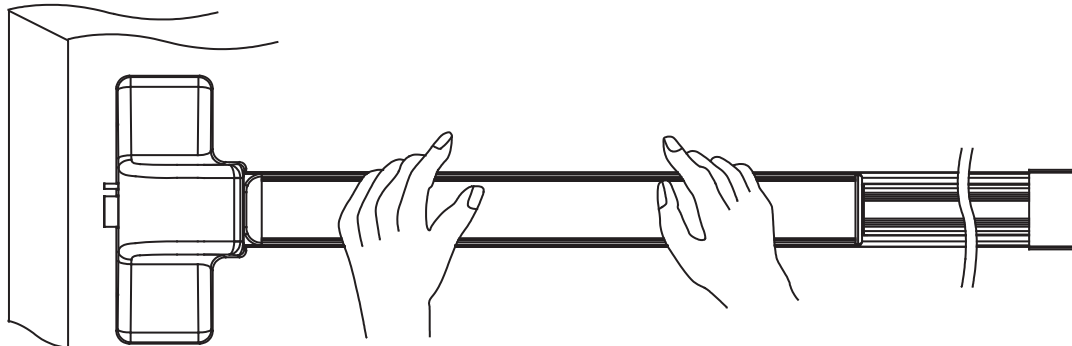
3. DRILL 7/32" HOLE, TAP 1/4"-20P THREAD



4. 1/4"-20P FLAT HEAD SCREW

NOTE : INSTALL STRIKE SHIM UNLESS THE EXIT DEVICE HEAD COVER RUBS THE ROLLER STRIKE. THEN REMOVE THE STRIKE SHIM TO GAIN ADDITIONAL CLEARANCE.

H OPERATION TEST

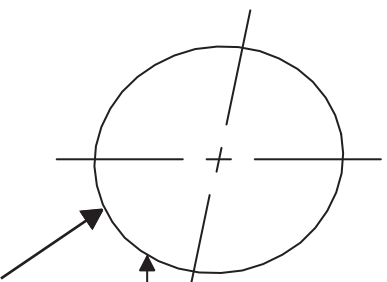


AFTER INSTALLATION IS COMPLETE PRESS DOWN THE ACTUATING BAR TO MAKE SURE THE DOOR OPENS AND CLOSES/LATCHES CORRECTLY. MAKE ANY ADJUSTMENTS AS NEEDED.

TEMPLATE FOR INSTALLING PANIC EXIT DEVICE

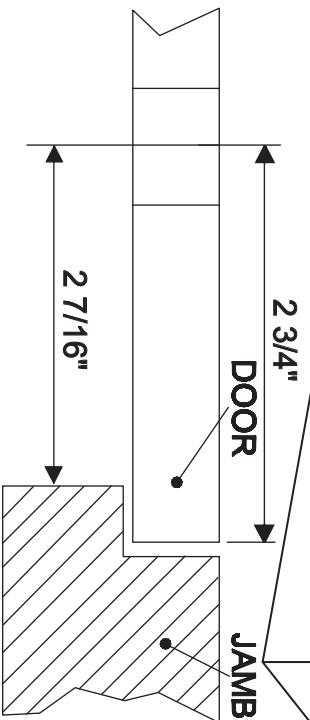
2012.03

outside face of the door



- (A) 1 1/4" for Rim Cylinder
For 2P-03NL, DFP-03NL, FP-03NL
- (B) 3/4" For LE-08, LE-08A
- (C) 2 1/8" for KIL Trims.

HOLE MUST BE DRILLED ACCORDING TO TRIM TEMPLATE.



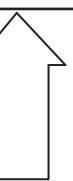
NOTE:

Backset of 2 7/16" from jamb to center or 2 3/4" from door edge to center is acceptable. Strike shim can be used or not used to make adjustments to the roller strikes projection to compensate for doors with different backsets.

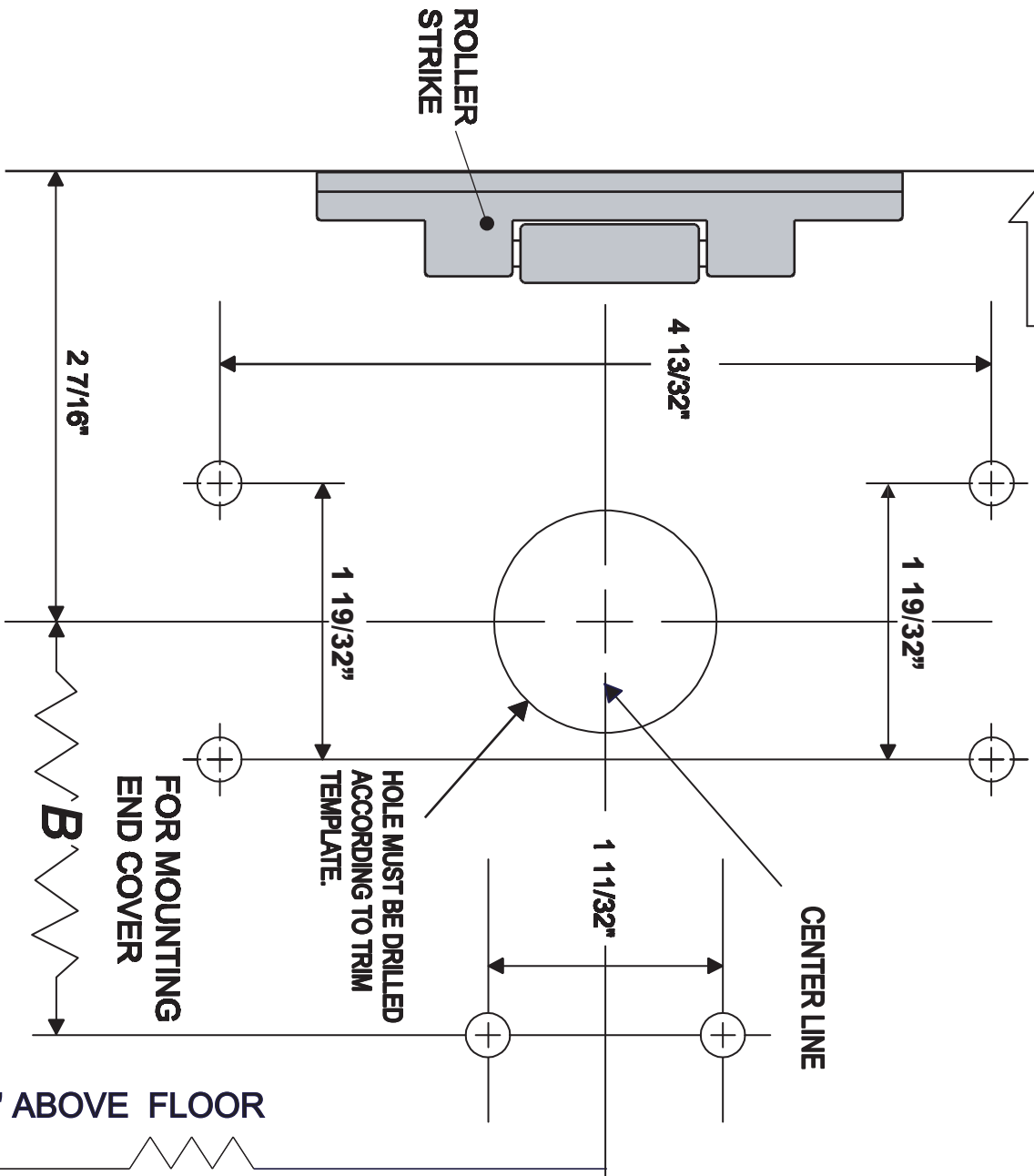
(A) For 1000R Series (UL Listed)-Drill & tap for (6) 1/4"x20 machine screws for Exit Device and Drill & tap for (3) 1/4"x20 machine screws for Roller Strike
OPTIONAL for 1000R (UL Listed)

Drill (6) 3/16" Pilot Holes for Self Tapping machine screws or wood screws for Exit Device and
Drill (3) 3/16" Pilot Holes for Self Tapping machine screws or wood screws for Roller Strike

(B) For F1000R (Fire Rated)-Drill 9/32" holes inside and 3/8" holes outside for the (6) thru bolts and drill & tap for (3) 1/4"x20 machine screws for Roller Strike.



FOLD HERE FROM JAMB



When installing Rim Exit device and Vertical Rod Exit devices on a pair of doors, a Double Door Strike (DDS) is required. (Available by special order). For complete template information, please refer to the DDS template.

inside face of the door

40" ABOVE FLOOR

FOR MOUNTING
END COVER

B