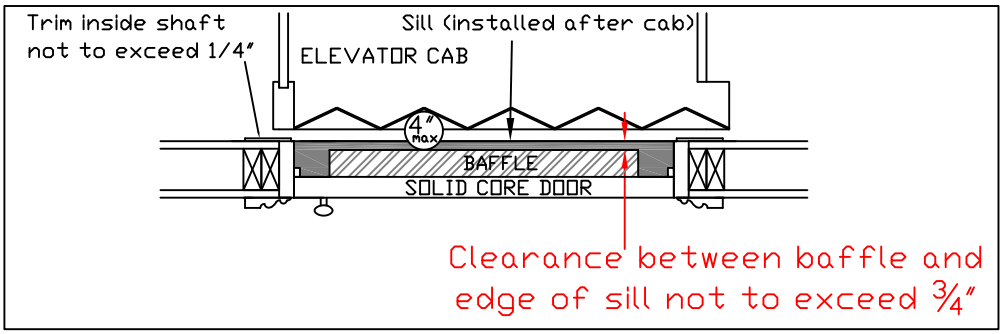
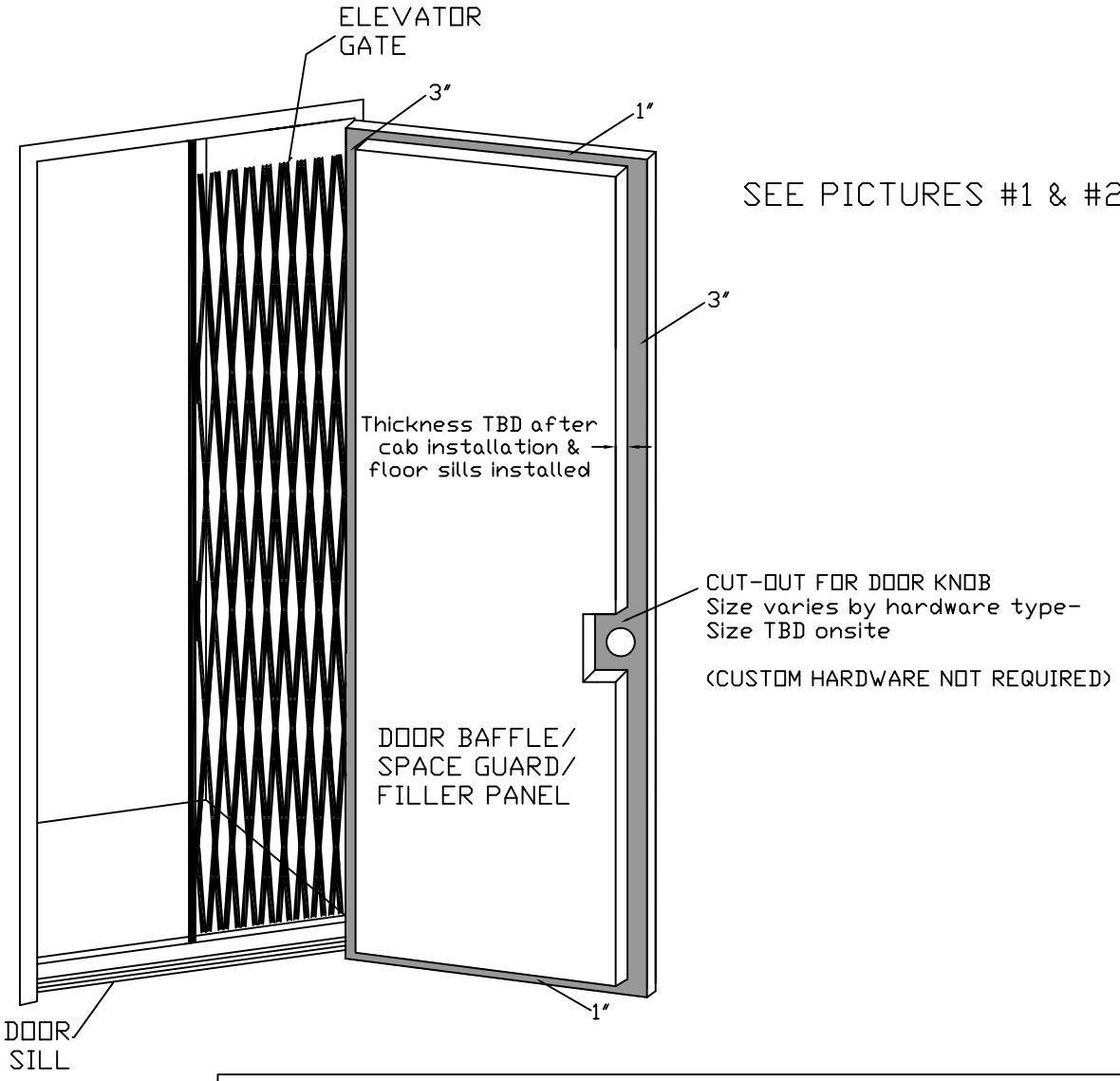
¾″ × 4″ RULE – ASME 17.1 SECTION 5.3

STANDARD DOOR

1. Where swinging hoistway doors and either folding or horizontally sliding car doors are used and both doors are in the fully closed position, the space between the hoistway door and theelevator gate must reject a 4" diameter ball at all points.

2. The distance between the face of the hoistway/shaft door and the edge of the landing sill shall not exceed ¾" for swinging doors.





SEE PICTURES #1 & #2 ONLY

DOOR BAFFLE/
SPACE GUARD/
FILLER PANEL

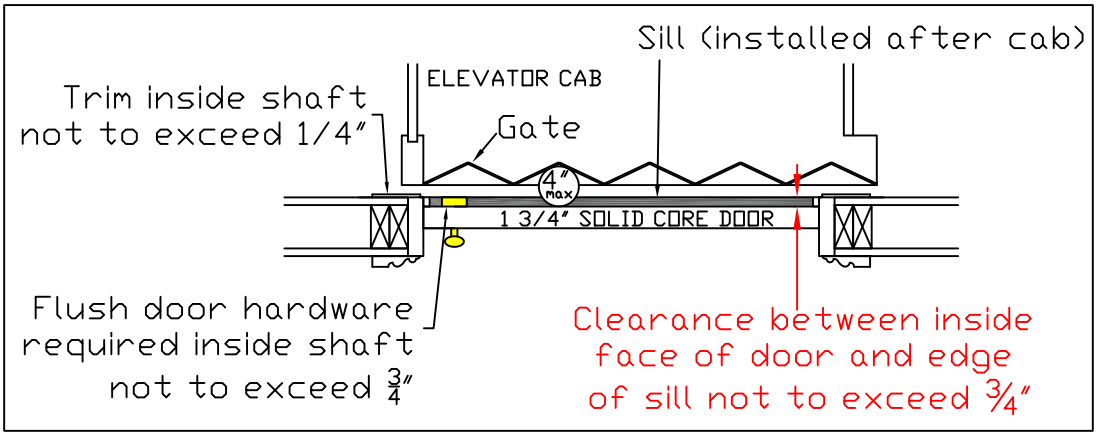
MARCHAL/STEVENSON ELEVATOR CO. INC.
11050 WEST LITTLE YORK, BLDG. E HOUSTON, TX 77041
713-961-1940 PHONE
WWW.MARCHALSTEVENSON.COM

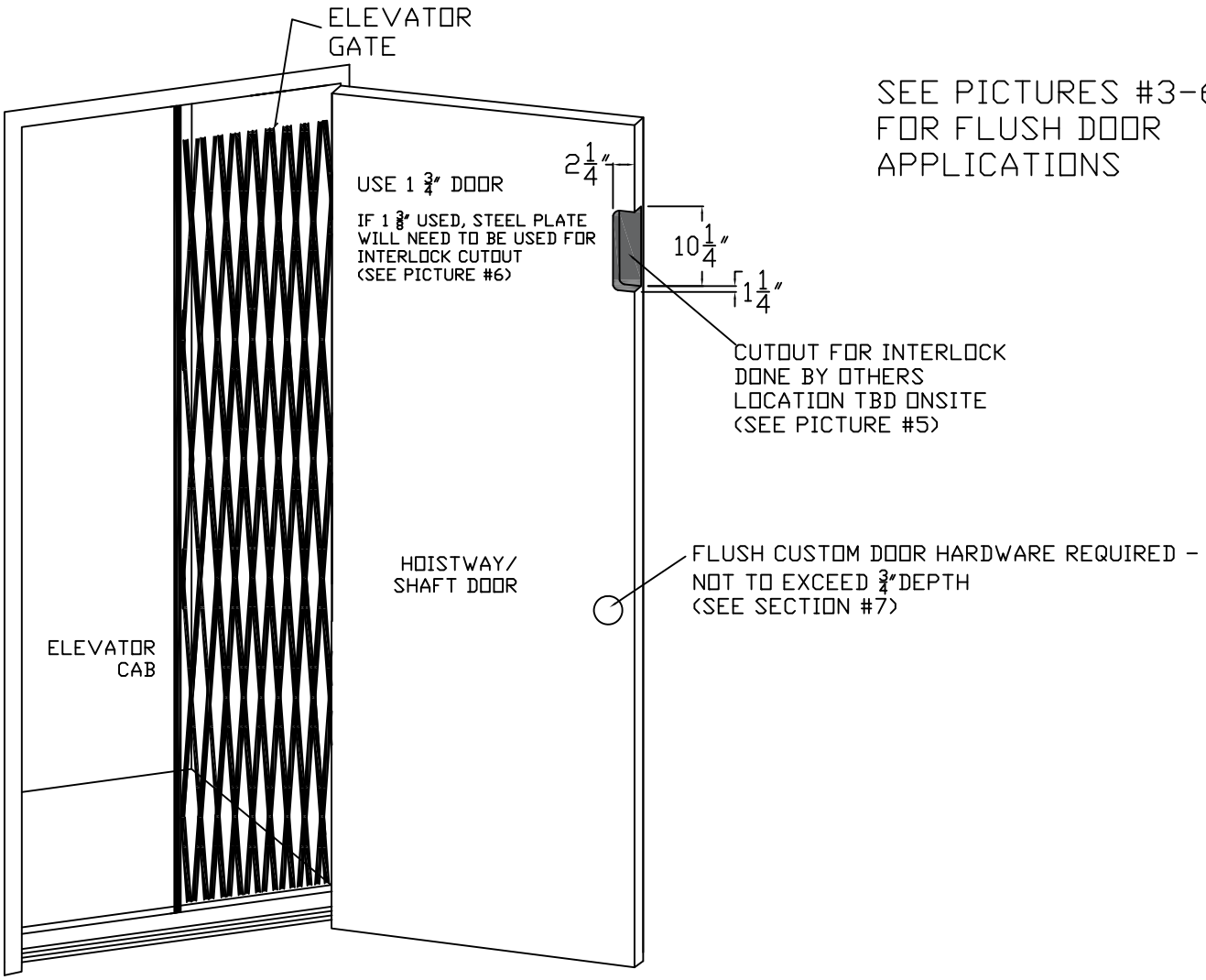
$\frac{3}{4}$" x 4" RULE - ASME 17.1 SECTION 5.3

FLUSH DOOR

1. Where swinging hoistway doors and either folding or horizontally sliding car doors are used and both doors are in the fully closed position, the space between the hoistway/shaft door and the elevator gate must reject a 4" diameter ball at all points.

2. The distance between the face of the hoistway/shaft door and the edge of the landing sill shall not exceed ¾" for swinging doors.





SEE PICTURES #3-6 FOR FLUSH DOOR APPLICATIONS

FLUSH DOOR

MARCHAL/STEVENSON ELEVATOR CO. INC.
11050 WEST LITTLE YORK, BLDG. E HOUSTON, TX 77041
713-961-1940 PHONE
WWW.MARCHALSTEVENSON.COM

#1 Example of Door Baffle
Space Guard
(Filler Panel)
No Custom Door Hardware
Required for Doors with Baffles

#2 Example of Door Baffle
Space Guard
(Filler Panel)

REMAINING PHOTOS FOR FLUSH DOORS ONLY (NO BAFFLES)

#3 Flush Door – Hinge Side

#4 Strike Side - Flush Door

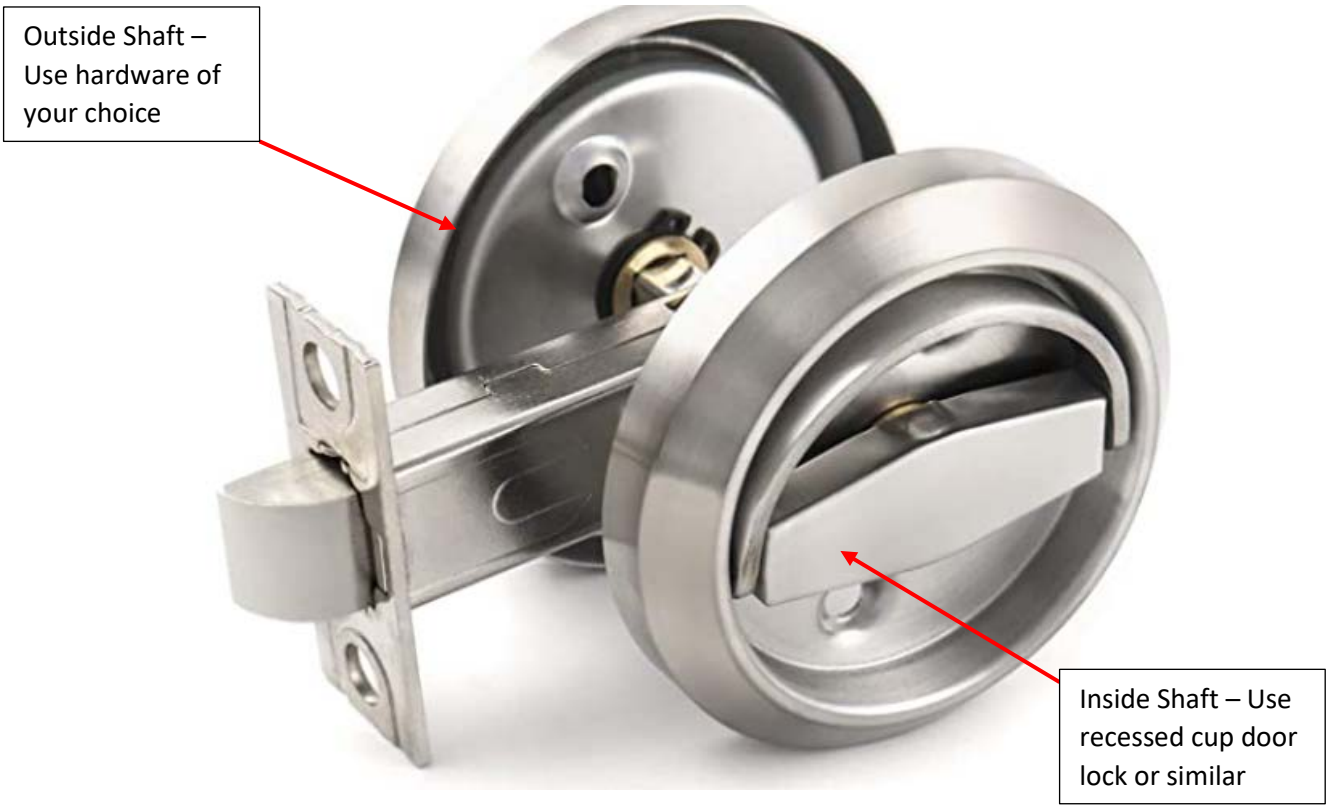
#5 Interlock Cutout - Flush Door
8’ Door Shown

#6 Steel Plate for 1 3/8” Flush Door
6’8” Door Shown

SECTION #7 – FLUSH DOOR HARDWARE OPTIONS

Any door hardware inside of shaft/hoistway must not exceed ¾” in depth (face of door to outside point of door hardware).

Example of a traditional passage latch option (example only – many options available):



https://www.amazon.com/QWORK-Stainless-Corridor-Hidden-Privacy/dp/B0899Q46T9/ref=sr_1_11?dchild=1&keywords=recessed+door+lock&qid=1615328019&sr=8-11

Examples of a ball catch/roller latch options from https://www.baldwinhardware.com (examples only – many options available):

ADJUSTABLE BALL CATCH

Model #: 0425.003

Write a review Ask a question

AVAILABLE FINISHES: SELECTED: LIFETIME POLISHED BRASS

WHERE TO BUY ADD TO WISH LIST

ADJUSTABLE ROLLER LATCH

Model #: 0440.003

Write a review Ask a question

AVAILABLE FINISHES: SELECTED: LIFETIME POLISHED BRASS

WHERE TO BUY ADD TO WISH LIST

Inside shaft:

FLUSH RING PULL

Model #: 0392.003

5.0 (1) Write a review Ask a question

AVAILABLE FINISHES: SELECTED: LIFETIME POLISHED BRASS

WHERE TO BUY ADD TO WISH LIST

EDGE PULL

Model #: 0465.003

5.0 (11) Write a review Ask a question

AVAILABLE FINISHES: SELECTED: LIFETIME POLISHED BRASS

WHERE TO BUY ADD TO WISH LIST

For the outside hardware, any style of dummy (attaches from outside) knob, lever, pull, etc. will work.